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The Commonwealth of Massachusetts

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1952

# ASSESSMENTS

FOR

INTEREST, SERIAL BONDS  
AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

---

Compiled in the Office of  
FOSTER FURCOLO  
TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1952

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds and maintenance for 1952, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1951, bonds have been issued as follows:

Metropolitan Sewerage Loan, Act of 1951,	
North System . . . . .	\$12,500,000.00
South System . . . . .	1,500,000.00
Metropolitan District Water Loan, Act of 1950 : . .	1,500,000.00
Metropolitan Water Use Development Loan . . .	5,280,000.00

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## METROPOLITAN WATER

SECTION 26. (As amended by section 6 of chapter 549 of the Acts of 1946.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and forty-six, assess the towns that are members of the metropolitan water district and the towns that are eligible to membership and are supplied with water by the district as follows: (a) In the case of each town that was a member of, and took its entire supply from, the district at the beginning of the year an amount equal to the rate of forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year; (b) In the case of each town that joined, or commenced to take its entire supply from, the district during the previous year, an additional amount equal to said rate times the quantity furnished it by the district in that year and not certified by the commission to have been already covered

by previous payments; and (c) In the case of each member town that has not so commenced and of each eligible non-member town, or water company or water supply, water, fire or fire and water district, located within such town, an amount equal to said rate times the quantity furnished it by the district in the previous year. The commission shall certify to the state treasurer the information as to dates and quantities of water consumed necessary to determine such assessments.

The state treasurer shall annually notify each town assessed under the provisions of this section and, except as otherwise provided by section twenty-six A, of section ten, of the amount of its assessment, and the same shall be paid by the town, water supply, water or fire and water district to the commonwealth as required by law and within the time therein prescribed.

**SECTION 26A.** Beginning with the year nineteen hundred and forty-six the state treasurer shall borrow on the credit of the commonwealth such sums as may be necessary each year to meet the balance, not met by the assessments authorized in sections ten and twenty-six, of the requirements for maintenance and operation, for miscellaneous interest, for any credits to member towns, for the sinking fund and for interest and principal payments on all bonds issued for the construction of the metropolitan water system, and on all bonds issued under the authorization of this section.

#### METROPOLITAN PARKS

**SECTION 54.** The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

**SECTION 55.** (As Amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

**SECTION 57.** (As amended by chapter 197 of the Acts of 1933, and chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

**SECTION 58.** The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the

cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As Amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

FOSTER FURCOLO,  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1952

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North & South Systems	Charles River Basin	Total
Arlington . . .	\$ 48,300 28	\$ 58,416 01	\$ 79,947 22 n	\$ 19 81	\$ 186,683 32
Belmont . . .	31,286 56	46,999 54	53,857 92 n	18 13	132,162 15
Boston . . .	1,636,681 88	1,225,700 38	144,291 45 n	449 78	3,437,190 85
	—	—	430,067 36 s	—	—
Brookline . . .	28,140 80	123,813 41	126,603 37 s	51 60	278,609 18
Cambridge . . .	26,816 76	168,365 34	221,588 58 n	58 97	416,829 65
Canton . . .	—	9,509 86	12,385 34 s	3 16	21,898 36
Chelsea . . .	55,772 68	45,961 11	68,033 56 n	14 53	169,781 88
Cohasset . . .	—	651 88	—	—	651 88
Dedham . . .	—	25,919 45	32,253 29 s	9 11	58,181 85
Dover . . .	—	4,509 89	—	1 98	4,511 87
Everett . . .	129,966 88	73,612 79	88,213 17 n	27 58	291,820 42
Framingham . . .	—	—	14,160 35 s	—	14,160 35
Hingham . . .	—	16,233 76	—	5 94	16,239 70
Hull . . .	—	12,032 70	—	5 60	12,038 30
Lexington . . .	22,771 48	—	31,623 39 n	—	54,394 87
Lynn . . .	—	136,456 07	—	47 30	136,503 37
Malden . . .	71,371 76	73,968 16	105,893 60 n	24 12	251,257 64
Medford . . .	58,981 80	82,608 35	117,348 40 n	27 13	258,965 68
Melrose . . .	24,940 72	38,614 81	49,954 01 n	13 71	113,523 25
Milton . . .	18,991 60	36,888 52	42,358 14 s	14 00	98,252 26
Nahant . . .	3,631 96	4,631 09	—	1 79	8,264 84
Needham . . .	—	25,525 26	30,053 02 s	9 47	55,587 75
Newton . . .	33,320 56	145,614 62	161,526 64 s	56 92	340,518 74
Norwood . . .	—	—	30,593 63 s	—	30,593 63
Quincy . . .	97,529 36	125,129 74	150,655 18 s	45 39	373,359 67
Reading . . .	—	—	25,217 60 n	—	25,217 60
Revere . . .	36,152 16	42,358 42	63,813 19 n	13 14	142,336 91
Saugus . . .	14,394 36	18,511 40	—	5 46	32,911 22
Somerville . . .	144,888 52	121,256 04	179,080 09 n	38 41	445,263 06
Stoneham . . .	17,044 36	15,993 13	23,268 21 n	5 14	56,310 84
Stoughton . . .	—	—	16,926 72 s	—	16,926 72
Swampscott . . .	14,902 72	21,267 11	—	8 41	36,178 24
Wakefield . . .	—	24,076 26	34,720 64 n	7 81	58,804 71
Walpole . . .	—	—	17,665 97 s	—	17,665 97
Waltham . . .	61,463 48	59,076 46	81,463 15 s	19 41	202,022 50
Watertown . . .	51,601 60	52,653 99	65,228 15 s	18 56	169,502 30
Wellesley . . .	—	38,777 62	41,874 18 s	15 50	80,667 30
Weston . . .	—	9,783 58	—	3 95	9,787 53
Westwood . . .	—	7,859 27	—	2 69	7,861 96
Weymouth . . .	—	49,147 84	58,974 46 s	17 89	108,140 19
Winchester . . .	4,128 16	29,547 66	31,626 51 n	11 85	65,314 18
Winthrop . . .	23,702 40	24,985 23	34,875 85 n	8 34	83,571 82
Woburn . . .	—	23,794 17	35,662 72 n	7 42	59,464 31
	\$2,656,782 84*	\$3,050,116 77	\$2,740,538 25	\$1,100 00	\$8,448,537 86

n — North System

s — South System

\* Does not include special assessments shown at bottom of page 8.

METROPOLITAN WATER DISTRICT  
METROPOLITAN WATER DEBT

Under Metropolitan District Commission:

Gross water debt April 1, 1952	
Bonds outstanding (serial) old series . . .	\$806,000 00
Bonds outstanding (serial) Water Use De- velopment . . . . .	20,075,000 00
	<hr/>
<i>An increase for the year of</i> \$4,653,000 00	\$20,881,000 00
Sinking fund April 1, 1952 . . . . .	152,178 85
<i>An increase for the year of</i> \$82,389 22	<hr/>
Net debt April 1, 1952 . . . . .	\$20,728,821 15
<i>An increase for the year of</i> \$4,570,610 78	

Under Metropolitan District Water Supply Com-  
mission:

Gross and net debt April 1, 1952	
Bonds outstanding (serial):	
Additional Water Loan . . . . .	\$41,109,000 00
Water Main Loan . . . . .	3,350,000 00
Water Loan . . . . .	3,430,000 00
	<hr/>
<i>An increase for the year of</i> \$4,232,000 00	\$47,889,000 00
Total net water debt April 1, 1952 . . . . .	<hr/> \$68,617,821 15
<i>An increase for the year of</i> \$8,802,610 78	<hr/>

METROPOLITAN WATER EXPENSES FOR 1952

Serial Bonds:

Under Metropolitan District Commission . . .	\$798,000 00
Under Metropolitan District Water Supply Commission . . . . .	2,783,000 00
	<hr/>
	\$ 3,581,000 00

Interest:

Under Metropolitan District Commission:

Six months on	\$892,000 00	\$17,843 75
Six months on	806,000 00	16,122 50
One year on	14,795,000 00	224,567 50
Nine months		
10 days on	5,280,000 00	71,866 67
		<hr/>
		\$ 330,400 42

Under Metropolitan District Water Supply  
Commission:

Six months on	\$42,396,000 00	\$467,058 75
Six months on	41,109,000 00	450,006 25
Six months on	3,350,000 00	28,475 00
Six months on	3,235,000 00	27,497 50
Six months on	2,000,000 00	17,000 00
Six months on	1,930,000 00	16,405 00

Eight months,  
10 days on      1,500,000 00      18,229 17

\$1,024,671 67

On advances and temporary loans, estimated,  
1952, and adjustment of 1951 interest charges      109,000 00

109,000 00

Total interest . . . . .

\$1,464,072 09

Maintenance as appropriated by Legislature . . . . . \$2,612,599 26

Less balance on hand . . . . .

541,454 63

541,454 63

\$2,071,144 63

Total Expenses . . . . .

\$7,116,216 72

Less estimated surplus in sinking fund . . . . .

377,979 88

377,979 88

\$6,738,236 84

Assessment at \$40 per million gallons consumed . \$2,656,782 84

Water discharged into Charles River . . . . .

1,454 00

1,454 00

\$2,658,236 84

Balance to be borrowed under Sect. 7, Chapter 549,

Acts of 1946 . . . . .

\$4,080,000 00

### METROPOLITAN WATER ASSESSMENTS FOR 1952

CITIES AND TOWNS IN DISTRICT	Total Consumption for 1951 in million gallons	1952 Charge at \$40 per million gallons (Chap. 549 Acts of 1946)	Proportion for computing share of Debt
Arlington . . . . .	1,207.507	\$48,300 28	.018180
Belmont . . . . .	782.164	31,286 56	.011776
Boston . . . . .	40,917.047	1,636,681 88	.616039
* Brookline . . . . .	703.520	28,140 80	.010592
* Cambridge . . . . .	670.419	26,816 76	.010094
Chelsea . . . . .	1,394.317	55,772 68	.020993
Everett . . . . .	3,249.172	129,966 88	.048919
Lexington . . . . .	569.287	22,771 48	.008571
Malden . . . . .	1,784.294	71,371 76	.026864
Medford . . . . .	1,474.545	58,981 80	.022200
Melrose . . . . .	623.518	24,940 72	.009388
Milton . . . . .	474.790	18,991 60	.007148
Nahant . . . . .	90.799	3,631 96	.001367
* Newton . . . . .	833.014	33,320 56	.012542
Quincy . . . . .	2,438.234	97,529 36	.036710
Revere . . . . .	903.804	36,152 16	.013607
Saugus . . . . .	359.859	14,394 36	.005418
Somerville . . . . .	3,622.213	144,888 52	.034535
Stoneham . . . . .	426.109	17,044 36	.006415
Swampscott . . . . .	372.568	14,902 72	.005609
Waltham . . . . .	1,536.587	61,463 48	.023135
Watertown . . . . .	1,290.040	51,601 60	.019423
** Winchester . . . . .	103.204	4,128 16	.001554
Winthrop . . . . .	592.560	23,702 40	.008921
	66,419.571	\$2,656,782 84	1.000000

\* Partial supply only.

\*\* Area served undetermined.

Not included in above: Assessments on account of water discharged into Charles River under Chap. 603 of the Acts of 1950:

Boston \$276.26      Cambridge \$232.64      Newton \$319.88      Waltham \$218.10  
Watertown \$189.02      Wellesley \$116.32      Weston \$101.78      Total \$1,454.00

**COMPARISON OF ASSESSMENTS, 1951 AND 1952 WITH REVENUE FROM WATER RATES IN 1951**

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns, 1951
	1951	1952	
Arlington . . . . .	\$48,793 82	\$48,300 28	\$206,888 06
Belmont . . . . .	34,713 94	31,286 56	150,638 69
Boston . . . . .	1,650,497 84	1,636,681 88	4,719,658 56
Brookline . . . . .	23,843 43	28,140 80	458,732 07 a
Cambridge . . . . .	—	26,816 76	807,651 11
Chelsea . . . . .	55,162 15	55,772 68	205,517 07 ab
Everett . . . . .	117,743 86	129,966 88	491,986 63 a
Lexington . . . . .	22,959 45	22,771 48	127,438 76
Malden . . . . .	75,759 03	71,371 76	319,796 37
Medford . . . . .	59,457 26	58,981 80	251,962 95 a
Melrose . . . . .	24,807 04	24,940 72	133,573 99 ab
Milton . . . . .	21,844 53	18,991 60	187,178 34 ab
Nahant . . . . .	4,499 51	3,631 96	18,020 06
Newton . . . . .	31,464 73	33,320 56	514,861 37
Quincy . . . . .	102,862 29	97,529 36	456,104 03
Revere . . . . .	39,927 52	36,152 16	148,582 62
Saugus . . . . .	14,642 66	14,394 36	80,051 80 ab
Somerville . . . . .	155,340 66	144,888 52	499,857 53
Stoneham . . . . .	21,395 91	17,044 36	84,688 81
Swampscott . . . . .	15,375 32	14,902 72	79,538 99 ab
Waltham . . . . .	55,459 47	61,463 48	305,548 23 b
Watertown . . . . .	45,170 32	51,601 60	237,705 53 a
Winchester . . . . .	7,262 93	4,128 16	74,530 32
Winthrop . . . . .	25,595 45	23,702 40	107,477 78 ab
	\$2,654,579 12	\$2,656,782 84*	\$10,667,989 67

a Includes money received from municipal departments.

b Includes money received from hydrant rentals.

\* Does not include \$1,454.00 under Chapter 603 of the Acts of 1950, shown on page 8.

## METROPOLITAN PARKS DISTRICT

## METROPOLITAN PARKS DEBT

METROPOLITAN PARKS EXPENSES FOR 1952 ASSESSMENT

Serial Bonds:  
 Parks . . . . . : . . . . \$1,000 00  
 Parks, Series Two : . . . . . 8,500 00 \$9,500 00

Interest:

Parks								
Six months on	\$5,000 00		\$100 00					
Six months on	4,000 00		80 00			180 00		
On advances . . . . .						7,400 00		7,580 00
Parks, Series Two								
Six months on	30,000 00		600 00					
Six months on	21,500 00		430 00		1,030 00			1,030 00

Maintenance as appropriated by Legislature	. . \$3,226,592 38
Less balance on hand	. . . . 344,585 61
	<hr/>
	2,882,006 77

Recreational Area, Magazine Beach, Chapter 756,  
Acts of 1951 . . . . . 150,000 00  
\$3,032,006 77

Total Parks expenses to be assessed . . . . . \$3,050,116 77

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Proportion of Interest, Serial Bonds and Maintenance Requirements  
Determined by the Metropolitan District Commission*

CITIES AND TOWNS	Valuation (Chap. 559 Acts 1945)	Valuation Per Cent (Note 1)	Population 1950 Census	Population Per Cent	Average Per Cent (Note 2) Ch. 554, Acts 1949
Arlington . . .	\$63,327,779	.018010	44,353	.021468	.019163
Belmont . . .	57,954,895	.016482	27,381	.013253	.015406
Boston . . .	1,437,779,078	.408885	801,444	.387926	.401898
Braintree . . .	31,968,400	.009091	23,161	.011211	.009798
Brookline . . .	164,949,098	.046909	57,589	.027875	.040564
Cambridge . . .	188,515,872	.053611	120,740	.058442	.055221
Canton . . .	10,101,349	.002873	7,465	.003613	.003120
Chelsea . . .	46,441,609	.013207	38,912	.018835	.015083
Dedham . . .	29,105,423	.008277	18,487	.008948	.008501
Dover . . .	6,325,116	.001799	1,722	.000834	.001477
Everett . . .	88,165,414	.025073	45,982	.022257	.024134
Hingham . . .	18,999,428	.005403	10,665	.005162	.005323
Hull . . .	17,900,393	.005091	3,379	.001636	.003939
Lynn . . .	151,194,710	.042998	99,738	.048277	.044758
Malden . . .	77,119,332	.021932	59,804	.028947	.024270
Medford . . .	86,696,291	.024655	66,113	.032001	.027104
Melrose . . .	43,827,859	.012464	26,988	.013063	.012664
Milton . . .	44,725,770	.012719	22,395	.010840	.012093
Nahant . . .	5,722,850	.001628	2,679	.001297	.001518
Needham . . .	30,261,434	.008606	16,313	.007896	.008369
Newton . . .	181,961,300	.051747	81,994	.039688	.047727
Quincy . . .	145,077,833	.041258	83,835	.040579	.041032
Revere . . .	42,040,213	.011956	36,763	.017795	.013902
Saugus . . .	17,446,731	.004962	17,162	.008307	.006077
Somerville . . .	122,784,622	.034918	102,351	.049541	.039792
Stoneham . . .	16,420,347	.004670	13,229	.006403	.005248
Swampscott . . .	26,905,763	.007652	11,580	.005605	.006970
Wakefield . . .	24,960,810	.007099	19,633	.009503	.007900
Waltham . . .	62,078,958	.017654	47,187	.022840	.019383
Watertown . . .	59,318,707	.016870	37,329	.018068	.017269
Wellesley . . .	49,542,385	.014089	20,549	.009946	.012708
Weston . . .	12,634,820	.003593	5,026	.002433	.003206
Westwood . . .	8,630,467	.002454	5,837	.002825	.002578
Weymouth . . .	57,187,043	.016263	32,690	.015823	.016116
Winchester . . .	37,874,919	.010771	15,509	.007507	.009683
Winthrop . . .	26,644,419	.007577	19,496	.009437	.008197
Woburn . . .	23,747,647	.006754	20,492	.009919	.007809
Cohasset (Note 3) .	\$3,516,339,084	1.000000	2,065,972	1.000000	1.000000
	11,063,194	.003136	3,731	.001803	.000215
	\$3,527,402,278		2,069,703		

Note 1. Serial bonds and interest.

Note 2. Maintenance.

Note 3. Nantasket maintenance (8% of its proportion).

## METROPOLITAN PARKS LOAN

*Serial Bond Assessments*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$18 01	\$153 08	\$171 09
Belmont . . . . .	16 48	140 10	156 58
Boston . . . . .	408 89	3,475 52	3,884 41
Brantree . . . . .	9 09	77 27	86 36
Brookline . . . . .	46 91	398 73	445 64
Cambridge . . . . .	53 61	455 69	509 30
Canton . . . . .	2 87	24 42	27 29
Chelsea . . . . .	13 21	112 26	125 47
Dedham . . . . .	8 28	70 35	78 63
Dover . . . . .	1 80	15 29	17 09
Everett . . . . .	25 07	213 12	238 19
Hingham . . . . .	5 40	45 93	51 33
Hull . . . . .	5 09	43 27	48 36
Lynn . . . . .	43 00	365 48	408 48
Malden . . . . .	21 93	186 42	208 35
Medford . . . . .	24 66	209 57	234 23
Melrose . . . . .	12 46	105 95	118 41
Milton . . . . .	12 73	108 11	120 84
Nahant . . . . .	1 63	13 84	15 47
Needham . . . . .	8 61	73 15	81 76
Newton . . . . .	51 75	439 85	491 60
Quincy . . . . .	41 26	350 69	391 95
Revere . . . . .	11 95	101 63	113 58
Saugus . . . . .	4 96	42 18	47 14
Somerville . . . . .	34 92	296 80	331 72
Stoneham . . . . .	4 67	39 70	44 37
Swampscott . . . . .	7 65	65 04	72 69
Wakefield . . . . .	7 10	60 34	67 44
Waltham . . . . .	17 65	150 06	167 71
Watertown . . . . .	16 87	143 40	160 27
Wellesley . . . . .	14 09	119 76	133 85
Weston . . . . .	3 59	30 54	34 13
Westwood . . . . .	2 45	20 86	23 31
Weymouth . . . . .	16 26	138 24	154 50
Winchester . . . . .	10 77	91 55	102 32
Winthrop . . . . .	7 58	64 40	71 98
Woburn . . . . .	6 75	57 41	64 16
	\$1,000 00	\$8,500 00	\$9,500 00

## METROPOLITAN PARKS LOAN INCLUDING BOULEVARDS

*Interest Assessments*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$136 52	\$18 55	\$155 07
Belmont . . . . .	124 93	16 98	141 91
Boston . . . . .	3,099 35	421 15	3,520 50
Braintree . . . . .	68 91	9 36	78 27
Brookline . . . . .	355 57	48 32	403 89
Cambridge . . . . .	406 37	55 22	461 59
Canton . . . . .	21 78	2 96	24 74
Chelsea . . . . .	100 11	13 60	113 71
Dedham . . . . .	62 74	8 53	71 27
Dover . . . . .	13 64	1 85	15 49
Everett . . . . .	190 05	25 83	215 88
Hingham . . . . .	40 96	5 57	46 53
Hull . . . . .	38 59	5 24	43 83
Lynn . . . . .	325 92	44 29	370 21
Malden . . . . .	166 24	22 59	188 83
Medford . . . . .	186 89	25 39	212 28
Melrose . . . . .	94 48	12 84	107 32
Milton . . . . .	96 41	13 10	109 51
Nahant . . . . .	12 34	1 68	14 02
Needham . . . . .	65 23	8 86	74 09
Newton . . . . .	392 24	53 30	445 54
Quincy . . . . .	312 74	42 50	355 24
Revere . . . . .	90 63	12 31	102 94
Saugus . . . . .	37 61	5 11	42 72
Somerville . . . . .	264 68	35 97	300 65
Stoneham . . . . .	35 40	4 81	40 21
Swampscott . . . . .	58 00	7 88	65 88
Wakefield . . . . .	53 81	7 31	61 12
Waltham . . . . .	133 82	18 18	152 00
Watertown . . . . .	127 87	17 38	145 25
Wellesley . . . . .	106 80	14 51	121 31
Weston . . . . .	27 23	3 70	30 93
Westwood . . . . .	18 60	2 53	21 13
Weymouth . . . . .	123 27	16 75	140 02
Winchester . . . . .	81 64	11 09	92 73
Winthrop . . . . .	57 43	7 80	65 23
Woburn . . . . .	51 20	6 96	58 16
	\$7,580 00	\$1,030 00	\$8,610 00

## METROPOLITAN PARKS INCLUDING BOULEVARDS AND NANTASKET

*Total Assessments and Grand Total*

CITIES AND TOWNS	Total Serial Bonds	Total Interest	Total Maintenance	Grand Totals
Arlington . . . . .	\$171 09	\$155 07	\$58,089 85	\$58,416 01
Belmont . . . . .	156 58	141 91	46,701 05	46,999 54
Boston . . . . .	3,884 41	3,520 50	1,218,295 47	1,225,700 38
Braintree . . . . .	86 36	78 27	29,701 22	29,865 85
Brookline . . . . .	445 64	403 89	122,963 88	123,813 41
Cambridge . . . . .	509 30	461 59	167,394 45	168,365 34
Canton . . . . .	27 29	24 74	9,457 83	9,509 86
Chelsea . . . . .	125 47	113 71	45,721 93	45,961 11
Cohasset . . . . .	—	—	651 88	651 88
Dedham . . . . .	78 63	71 27	25,769 55	25,919 45
Dover . . . . .	17 09	15 49	4,477 31	4,509 89
Everett . . . . .	238 19	215 88	73,158 72	73,612 79
Hingham . . . . .	51 33	46 53	16,135 90	16,233 76
Hull . . . . .	48 36	43 83	11,940 51	12,032 70
Lynn . . . . .	408 48	370 21	135,677 38	136,456 07
Malden . . . . .	208 35	188 83	73,570 98	73,968 16
Medford . . . . .	234 23	212 28	82,161 84	82,608 35
Melrose . . . . .	118 41	107 32	38,389 08	38,614 81
Milton . . . . .	120 84	109 51	36,658 17	36,888 52
Nahant . . . . .	15 47	14 02	4,601 60	4,631 09
Needham . . . . .	81 76	74 09	25,369 41	25,525 26
Newton . . . . .	491 60	445 54	144,677 48	145,614 62
Quincy . . . . .	391 95	355 24	124,382 55	125,129 74
Revere . . . . .	113 58	102 94	42,141 90	42,358 42
Saugus . . . . .	47 14	42 72	18,421 54	18,511 40
Somerville . . . . .	331 72	300 65	120,623 67	121,256 04
Stoneham . . . . .	44 37	40 21	15,908 55	15,993 13
Swampscott . . . . .	72 69	65 88	21,128 54	21,267 11
Wakefield . . . . .	67 44	61 12	23,947 70	24,076 26
Waltham . . . . .	167 71	152 00	58,756 75	59,076 46
Watertown . . . . .	160 27	145 25	52,348 47	52,653 99
Wellesley . . . . .	133 85	121 31	38,522 46	38,777 62
Weston . . . . .	34 13	30 93	9,718 52	9,783 58
Westwood . . . . .	23 31	21 13	7,814 83	7,859 27
Weymouth . . . . .	154 50	140 02	48,853 32	49,147 84
Winchester . . . . .	102 32	92 73	29,352 61	29,547 66
Winthrop . . . . .	71 98	65 23	24,848 02	24,985 23
Woburn . . . . .	64 16	58 16	23,671 85	23,794 17
	\$9,500 00	\$8,610 00	\$3,032,006 77	\$3,050,116 77

39% of maintenance of Parks, Boulevards and Charles River Basin beginning in 1950, Chapter 554, Acts of 1949, charged to Metropolitan Parks District on percentages shown on Page 11.

## METROPOLITAN PARKS AND SEWERAGE DISTRICTS

*Comparison of Assessments 1951 and 1952*

CITIES AND TOWNS	1951	Parks	1952	1951	Sewerage	1952
Arlington . . . . .	\$60,704 98	\$58,416 01	\$67,564 49	\$79,947 22		
Belmont . . . . .	49,828 40	46,999 54	50,506 28	53,857 92		
Boston . . . . .	1,262,391 98	1,225,700 38	450,741 69	574,358 81		
Braintree . . . . .	29,759 08	29,865 85	28,865 26	38,733 19		
Brookline . . . . .	128,634 61	123,813 41	109,765 93	126,603 37		
Cambridge . . . . .	171,079 84	168,365 34	182,094 55	221,588 58		
Canton . . . . .	9,560 50	9,509 86	9,412 86	12,385 34		
Chelsea . . . . .	48,710 38	45,961 11	57,921 01	68,033 56		
Cohasset . . . . .	671 77	651 88	—	—		
Dedham . . . . .	26,152 89	25,919 45	24,801 19	32,253 29		
Dover . . . . .	4,610 13	4,509 89	—	—		
Everett . . . . .	78,223 88	73,612 79	81,638 76	88,213 17		
Framingham . . . . .	—	—	—	14,160 35		
Hingham . . . . .	16,444 84	16,233 76	—	—		
Hull . . . . .	12,501 23	12,032 70	—	—		
Lexington . . . . .	—	—	24,303 91	31,623 39		
Lynn . . . . .	145,587 37	136,456 07	—	—		
Malden . . . . .	77,359 03	73,968 16	89,126 20	105,893 60		
Medford . . . . .	87,020 78	82,608 35	100,341 80	117,348 40		
Melrose . . . . .	40,890 33	38,614 81	44,582 44	49,954 01		
Milton . . . . .	38,160 70	36,888 52	34,924 21	42,358 14		
Nahant . . . . .	4,682 81	4,631 09	—	—		
Needham . . . . .	25,721 77	25,525 26	23,440 35	30,053 02		
Newton . . . . .	149,451 96	145,614 62	132,971 85	161,526 64		
Norwood . . . . .	—	—	25,343 80	30,593 63		
Quincy . . . . .	129,864 85	125,129 74	122,864 24	150,655 18		
Reading . . . . .	—	—	19,809 42	25,217 60		
Revere . . . . .	43,851 41	42,358 42	51,931 60	63,813 19		
Saugus . . . . .	19,168 46	18,511 40	—	—		
Somerville . . . . .	128,937 66	121,256 04	153,509 60	179,080 09		
Stoneham . . . . .	16,132 16	15,993 13	18,277 79	23,268 21		
Stoughton . . . . .	—	—	11,459 94	16,926 72		
Swampscott . . . . .	22,314 23	21,267 11	—	—		
Wakefield . . . . .	24,725 39	24,076 26	28,280 94	34,720 64		
Walpole . . . . .	—	—	14,327 04	17,665 97		
Waltham . . . . .	59,987 00	59,076 46	61,725 25	81,463 15		
Watertown . . . . .	55,125 89	52,653 99	53,421 54	65,228 15		
Wellesley . . . . .	38,885 03	38,777 62	33,373 68	41,874 18		
Weston . . . . .	9,910 67	9,783 58	—	—		
Westwood . . . . .	7,680 32	7,859 27	—	—		
Weymouth . . . . .	48,889 74	49,147 84	44,771 03	58,974 46		
Winchester . . . . .	30,698 50	29,547 66	29,237 31	31,626 51		
Winthrop . . . . .	25,740 26	24,985 23	28,850 48	34,875 85		
Woburn . . . . .	24,629 00	23,794 17	29,091 78	35,662 72		
	\$3,154,689 83	\$3,050,116 77	\$2,239,278 22	\$2,740,538 25		

## METROPOLITAN SEWERAGE DISTRICT

## METROPOLITAN SEWERAGE, NORTH SYSTEM, DEBT

Gross (and net) debt April 1, 1952 . . . . . \$15,139,000 00  
*An increase for the year of* \$12,176,000 00

## METROPOLITAN SEWERAGE, NORTH SYSTEM, EXPENSES FOR 1952 ASSESSMENT

Serial Bonds . . . . .	\$314,000 00
Less transfer from loan account . . . . .	123,282 81
	<hr/>
	\$190,717 19

## Interest:

One year on	\$1,213,000 00	\$22,010 00	
Six months on	1,594,000 00	12,180 00	
Six months on	1,426,000 00	10,907 50	
	<hr/>	45,097 50	
On advances and temporary loans, estimated, 1952, and adjustment of interest of 1951 . . .	18,900 00	<hr/>	
Maintenance as appropriated by Legislature . . .	\$1,231,378 20		63,997 50
Less balance on hand . . . . .	97,076 78	<hr/>	
	<hr/>	\$1,134,301 42	
Total Metropolitan Sewerage, North System, expenses to be assessed . . . . .	<hr/>	\$1,389,016 11	<hr/>

## METROPOLITAN SEWERAGE DISTRICT—NORTH SYSTEM

*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)	Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
Arlington . . . . .	\$63,327,779	5.87	44,353	5.73
Belmont . . . . .	57,954,895	5.38	27,381	3.54
Boston . . . . .				
Charlestown & E. Boston . . . . .	85,537,810	7.93	84,628	10.94
Cambridge . . . . .	188,515,872	17.48	120,740	15.61
Chelsea . . . . .	46,441,609	4.31	38,912	5.03
Everett . . . . .	88,165,414	8.18	45,982	5.94
Lexington . . . . .	26,354,606	2.44	17,335	2.24
Malden . . . . .	77,119,332	7.15	59,804	7.73
Medford . . . . .	86,696,291	8.04	66,113	8.54
Melrose . . . . .	43,827,859	4.07	26,988	3.49
Reading . . . . .	19,856,099	1.84	14,006	1.81
Revere . . . . .	42,040,213	3.90	36,763	4.75
Somerville . . . . .	122,784,622	11.39	102,351	13.23
Stoneham . . . . .	16,420,347	1.52	13,229	1.71
Wakefield . . . . .	24,960,810	2.32	19,633	2.54
Winchester . . . . .	37,874,919	3.51	15,509	2.00
Winthrop . . . . .	26,644,419	2.47	19,496	2.52
Woburn . . . . .	23,747,647	2.20	20,492	2.65
	<hr/> <u>\$1,078,270,543</u>	<hr/> <u>100.00</u>	<hr/> <u>773,715</u>	<hr/> <u>100.00</u>

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$11,195 10	\$3,756 65	\$64,995 47	\$79,947 22
Belmont . . . . .	10,260 58	3,443 07	40,154 27	53,857 92
Boston . . . . .				
Charlestown & E. Boston . . . . .	15,123 87	5,075 00	124,092 58	144,291 45
Cambridge . . . . .	33,337 37	11,186 76	177,064 45	221,588 58
Chelsea . . . . .	8,219 91	2,758 29	57,055 36	68,033 56
Everett . . . . .	15,600 67	5,235 00	67,377 50	88,213 17
Lexington . . . . .	4,653 50	1,561 54	25,408 35	31,623 39
Malden . . . . .	13,636 28	4,575 82	87,681 50	105,893 60
Medford . . . . .	15,333 66	5,145 40	96,869 34	117,348 40
Melrose . . . . .	7,762 19	2,604 70	39,587 12	49,954 01
Reading . . . . .	3,509 20	1,177 55	20,530 85	25,217 60
Revere . . . . .	7,437 97	2,495 90	53,879 32	63,813 19
Somerville . . . . .	21,722 69	7,289 32	150,068 08	179,080 09
Stoneham . . . . .	2,898 90	972 76	19,396 55	23,268 21
Wakefield . . . . .	4,424 64	1,484 74	28,811 26	34,720 64
Winchester . . . . .	6,694 17	2,246 31	22,686 03	31,626 51
Winthrop . . . . .	4,710 71	1,580 74	28,584 40	34,875 85
Woburn . . . . .	4,195 78	1,407 95	30,058 99	35,662 72
	<hr/> <u>\$190,717 19</u>	<hr/> <u>\$63,997 50</u>	<hr/> <u>\$1,134,301 42</u>	<hr/> <u>\$1,389,016 11</u>

## METROPOLITAN SEWERAGE DISTRICT

## METROPOLITAN SEWERAGE, SOUTH SYSTEM, DEBT

Gross (and net) debt April 1, 1952 . . . . .	\$6,460,000 00
<i>An increase for the year of \$1,113,000 00</i>	

METROPOLITAN SEWERAGE, SOUTH SYSTEM, EXPENSES FOR 1952 ASSESSMENT		
Serial Bonds . . . . .		\$362,000 00
Interest:		
One year on \$3,685,000 00	\$52,657 50	
Six months on 1,350,000 00	10,800 00	
Six months on 1,275,000 00	10,200 00	
		<u>\$73,657 50</u>
On advances and temporary loans, estimated, 1952, and adjustment of interest charges in 1951 . . . . .		16,750 00
Maintenance as appropriated by Legislature . .	\$1,111,184 99	
Less balance on hand . . . . .	212,070 35	
		<u>\$90,407 50</u>
Total Metropolitan Sewerage, South System, expenses to be assessed . . . . .		<u>\$899,114 64</u>
		<u><u>\$1,351,522 14</u></u>

## METROPOLITAN SEWERAGE DISTRICT — SOUTH SYSTEM

*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)	Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
Boston:				
All of Brighton and Hyde Park and parts of Roxbury, West Roxbury and Dorchester	\$312,015,921	24.39	269,862	35.56
Braintree . . . . .	31,968,400	2.50	23,161	3.05
Brookline . . . . .	164,949,098	12.90	57,589	7.59
Canton . . . . .	10,101,349	0.79	7,465	0.98
Dedham . . . . .	29,105,423	2.28	18,487	2.44
Framingham . . . . .	40,078,973	3.13	—	—
Milton . . . . .	44,725,770	3.50	22,395	2.95
Needham . . . . .	30,261,434	2.37	16,313	2.15
Newton . . . . .	181,961,300	14.22	81,994	10.81
Norwood . . . . .	30,838,574	2.41	16,636	2.19
Quincy . . . . .	145,077,833	11.34	83,835	11.05
Stoughton . . . . .	10,505,378	0.82	11,146	1.47
Walpole . . . . .	19,489,960	1.52	9,109	1.20
Waltham . . . . .	62,078,958	4.85	50,255*	6.62
Watertown . . . . .	59,318,707	4.64	37,329	4.92
Wellesley . . . . .	49,542,385	3.87	20,549	2.71
Weymouth . . . . .	57,187,043	4.47	32,690	4.31
	\$1,279,206,506	100.00	758,815	100.00

\* Including 3068 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chapter 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Boston:				
All of Brighton and Hyde Park and parts of Roxbury, West Roxbury and Dorchester	\$88,291 80	\$22,050 39	\$319,725 17	\$430,067 36
Braintree . . . . .	9,050 00	2,260 19	27,423 00	38,733 19
Brookline . . . . .	46,698 00	11,662 57	68,242 80	126,603 37
Canton . . . . .	2,859 80	714 22	8,811 32	12,385 34
Dedham . . . . .	8,253 60	2,061 29	21,938 40	32,253 29
Framingham . . . . .	11,330 60	2,829 75	* *	14,160 35
Milton . . . . .	12,670 00	3,164 26	26,523 88	42,358 14
Needham . . . . .	8,579 40	2,142 66	19,330 96	30,053 02
Newton . . . . .	51,476 40	12,855 95	97,194 29	161,526 64
Norwood . . . . .	8,724 20	2,178 82	19,690 61	30,593 63
Quincy . . . . .	41,050 80	10,252 21	99,352 17	150,655 18
Stoughton . . . . .	2,968 40	741 34	13,216 98	16,926 72
Walpole . . . . .	5,502 40	1,374 19	10,789 38	17,665 97
Waltham . . . . .	17,557 00	4,384 76	59,521 39	81,463 15
Watertown . . . . .	16,796 80	4,194 91	44,236 44	65,228 15
Wellesley . . . . .	14,009 40	3,498 77	24,366 01	41,874 18
Weymouth . . . . .	16,181 40	4,041 22	38,751 84	58,974 46
	\$362,000 00	\$90,407 50	\$899,114 64	\$1,351,522 14

\*\* No maintenance charges until connection is available.

## CHARLES RIVER BASIN

## CHARLES RIVER BASIN DEBT

Gross (and net) Charles River Basin debt April 1, 1952 . . . . .	\$2,000 00
<i>A decrease for the year of</i>	<i>\$1,000 00</i>

## CHARLES RIVER BASIN EXPENSES FOR 1952 ASSESSMENT

Serial Bonds . . . . .	\$1,000 00
Interest:	
Six months on       \$3,000 00       \$60 00	
Six months on       2,000 00       40 00	<hr/>
Total Charles River Basin expenses to be assessed . . . . .	<hr/> <u>\$1,100 00</u>

## CHARLES RIVER BASIN LOAN

*Assessments*

(For table of percentages see page 11.)

CITIES AND TOWNS	Serial Bonds	Interest	Total
Arlington . . . . .	\$18 01	\$1 80	\$19 81
Belmont . . . . .	16 48	1 65	18 13
Boston . . . . .	408 89	40 89	449 78
Braintree . . . . .	9 09	91	10 00
Brookline . . . . .	46 91	4 69	51 60
Cambridge . . . . .	53 61	5 36	58 97
Canton . . . . .	2 87	29	3 16
Chelsea . . . . .	13 21	1 32	14 53
Dedham . . . . .	8 28	83	9 11
Dover . . . . .	1 80	18	1 98
Everett . . . . .	25 07	2 51	27 58
Hingham . . . . .	5 40	54	5 94
Hull . . . . .	5 09	51	5 60
Lynn . . . . .	43 00	4 30	47 30
Malden . . . . .	21 93	2 19	24 12
Medford . . . . .	24 66	2 47	27 13
Melrose . . . . .	12 46	1 25	13 71
Milton . . . . .	12 73	1 27	14 00
Nahant . . . . .	1 63	16	1 79
Needham . . . . .	8 61	86	9 47
Newton . . . . .	51 75	5 17	56 92
Quincy . . . . .	41 26	4 13	45 39
Revere . . . . .	11 95	1 19	13 14
Saugus . . . . .	4 96	50	5 46
Somerville . . . . .	34 92	3 49	38 41
Stoneham . . . . .	4 67	47	5 14
Swampscott . . . . .	7 65	76	8 41
Wakefield . . . . .	7 10	71	7 81
Waltham . . . . .	17 65	1 76	19 41
Watertown . . . . .	16 87	1 69	18 56
Wellesley . . . . .	14 09	1 41	15 50
Weston . . . . .	3 59	36	3 95
Westwood . . . . .	2 45	24	2 69
Weymouth . . . . .	16 26	1 63	17 89
Winchester . . . . .	10 77	1 08	11 85
Winthrop . . . . .	7 58	76	8 34
Woburn . . . . .	6 75	67	7 42
	\$1,000 00	\$100 00	\$1,100 00

Maintenance included in Metropolitan Parks. (See Page 14.)

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Bonds Outstanding (Serial) . . . . .	\$4,000 00	\$21,500 00	\$15,139,000 00
Sinking Funds . . . . .	—	—	—
Net Debt June 30, 1952 . . . . .	\$4,000 00	\$21,500 00	\$15,139,000 00
1 Arlington . . . . .	72 04	387 21	888,659 30
2 Belmont . . . . .	65 93	354 36	814,478 20
3 Boston . . . . .	1,635 54	8,791 03	1,200,522 70
4 Braintree . . . . .	36 36	195 46	—
5 Brookline . . . . .	187 64	1,008 54	—
6 Cambridge . . . . .	214 44	1,152 64	2,646,297 20
7 Canton . . . . .	11 49	61 77	—
8 Chelsea . . . . .	52 83	283 95	652,490 90
9 Dedham . . . . .	33 11	177 95	—
10 Dover . . . . .	7 20	38 68	—
11 Everett . . . . .	100 29	539 07	1,238,370 20
12 Framingham . . . . .	—	—	—
13 Hingham . . . . .	21 61	116 16	—
14 Hull . . . . .	20 36	109 46	—
15 Lexington . . . . .	—	—	369,391 60
16 Lynn . . . . .	171 99	924 46	—
17 Malden . . . . .	87 73	471 54	1,082,438 50
18 Medford . . . . .	98 62	530 08	1,217,175 60
19 Melrose . . . . .	49 85	267 98	616,157 30
20 Milton . . . . .	50 88	273 46	—
21 Nahant . . . . .	6 51	35 00	—
22 Needham . . . . .	34 42	185 03	—
23 Newton . . . . .	206 99	1,112 56	—
24 Norwood . . . . .	—	—	—
25 Quincy . . . . .	165 03	887 05	—
26 Reading . . . . .	—	—	278,557 60
27 Revere . . . . .	47 82	257 05	590,421 00
28 Saugus . . . . .	19 85	106 68	—
29 Somerville . . . . .	139 67	750 74	1,724,332 10
30 Stoneham . . . . .	18 68	100 40	230,112 80
31 Stoughton . . . . .	—	—	—
32 Swampscott . . . . .	30 61	164 52	—
33 Wakefield . . . . .	28 40	152 63	351,224 80
34 Walpole . . . . .	—	—	—
35 Waltham . . . . .	70 62	379 56	—
36 Watertown . . . . .	67 48	362 71	—
37 Wellesley . . . . .	56 36	302 91	—
38 Weston . . . . .	14 37	77 25	—
39 Westwood . . . . .	9 82	52 76	—
40 Weymouth . . . . .	65 05	349 65	—
41 Winchester . . . . .	43 08	231 58	531,378 90
42 Winthrop . . . . .	30 31	162 91	373,933 30
43 Woburn . . . . .	27 02	145 21	333,058 00
	\$4,000 00	\$21,500 00	\$15,139,000 00

JUNE 30, 1952 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Charles River Basin	Total	
\$6,460,000 00	\$68,655,000 00 272,112 04	\$2,000 00	\$90,281,500 00 272,112 04	
\$6,460,000 00	\$68,382,887 96	\$2,000 00	\$90,009,387 96	
—	1,243,200 90	36 02	2,132,355 47	Arlington 1
—	805,276 89	32 96	1,620,208 34	Belmont 2
\$1,575,594 00	42,126,525 92	817 77	44,913,886 96	Boston 3
161,500 00	—	18 18	161,750 00	Braintree 4
833,340 00	724,311 55	93 82	1,558,941 55	Brookline 5
—	690,256 87	107 22	3,338,028 37	Cambridge 6
51,034 00	—	5 75	51,113 01	Canton 7
—	1,435,561 97	26 41	2,088,416 06	Chelsea 8
147,288 00	—	16 55	147,515 61	Dedham 9
—	—	3 60	49 48	Dover 10
—	3,345,222 50	50 15	4,584,282 21	Everett 11
202,198 00	—	—	202,198 00	Framingham 12
—	—	10 81	148 58	Hingham 13
—	—	10 18	140 00	Hull 14
—	586,109 73	—	955,501 33	Lexington 15
—	—	86 00	1,182 45	Lynn 16
—	1,837,037 90	43 86	2,920,079 53	Malden 17
—	1,518,100 11	49 31	2,735,953 72	Medford 18
—	641,978 55	24 93	1,258,478 61	Melrose 19
226,100 00	488,800 88	25 44	715,250 66	Milton 20
—	93,479 41	3 25	93,524 17	Nahant 21
153,102 00	—	17 21	153,338 66	Needham 22
918,612 00	857,658 18	103 49	1,777,693 22	Newton 23
155,686 00	—	—	155,686 00	Norwood 24
732,564 00	2,510,335 82	82 52	3,244,034 42	Quincy 25
—	—	—	278,557 60	Reading 26
—	930,485 96	23 91	1,521,235 74	Revere 27
—	370,498 49	9 92	370,634 94	Saugus 28
—	3,729,260 79	69 84	5,454,553 14	Somerville 29
—	438,676 23	9 34	668,917 45	Stoneham 30
52,972 00	—	—	52,972 00	Stoughton 31
—	383,559 62	15 30	383,770 05	Swampscott 32
—	—	14 20	351,420 03	Wakefield 33
98,192 00	—	—	98,192 00	Walpole 34
313,310 00	1,582,038 11	35 31	1,895,833 60	Waltham 35
299,744 00	1,328,200 83	33 74	1,628,408 76	Watertown 36
250,002 00	—	28 18	250,389 45	Wellesley 37
—	—	7 19	98 81	Weston 38
—	—	4 91	67 49	Westwood 39
288,762 00	—	32 53	289,209 23	Weymouth 40
—	106,267 01	21 54	637,942 11	Winchester 41
—	610,043 74	15 15	984,185 41	Winthrop 42
—	—	13 51	333,243 74	Woburn 43
\$6,460,000 00	\$68,382,887 96	\$2,000 00	\$90,009,387 96	



The Commonwealth of Massachusetts

MASS.  
DOCS.  
COLL.

1953

# ASSESSMENTS

FOR

INTEREST, SERIAL BONDS  
AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

---

Compiled in the Office of  
FOSTER FURCOLO  
TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1953

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds and maintenance for 1953, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1952, bonds have been issued as follows:

Metropolitan Additional Water Loan . . . . .	\$2,500,000.00
Metropolitan District Water Loan, Act of 1950 . . . . .	3,250,000.00
Metropolitan District Water Loan, Act of 1952 . . . . .	1,250,000.00
Metropolitan Water Use Development Loan . . . . .	4,080,000.00

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## METROPOLITAN SEWER

**SECTION 5.** The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

**SECTION 6.** The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

**SECTION 7.** The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## METROPOLITAN WATER

**SECTION 26.** (As amended by section 6 of chapter 549 of the Acts of 1946.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and forty-six, assess the towns that are members of the metropolitan water district and the towns that are eligible to membership and are supplied with water by the district as follows: (a) In the case of each town that was a member of, and took its entire supply from, the district at the beginning of the year an amount equal to the rate of forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year; (b) In the case of each town that joined, or commenced to take its entire supply from, the district during the previous year, an additional amount equal to said rate times the quantity furnished it by the district in that year and not certified by the commission to have been already covered

by previous payments; and (c) In the case of each member town that has not so commenced and of each eligible non-member town, or water company or water supply, water, fire or fire and water district, located within such town, an amount equal to said rate times the quantity furnished it by the district in the previous year. The commission shall certify to the state treasurer the information as to dates and quantities of water consumed necessary to determine such assessments.

The state treasurer shall annually notify each town assessed under the provisions of this section and, except as otherwise provided by section twenty-six A, of section ten, of the amount of its assessment, and the same shall be paid by the town, water supply, water or fire and water district to the commonwealth as required by law and within the time therein prescribed.

**SECTION 26A.** Beginning with the year nineteen hundred and forty-six the state treasurer shall borrow on the credit of the commonwealth such sums as may be necessary each year to meet the balance, not met by the assessments authorized in sections ten and twenty-six, of the requirements for maintenance and operation, for miscellaneous interest, for any credits to member towns, for the sinking fund and for interest and principal payments on all bonds issued for the construction of the metropolitan water system, and on all bonds issued under the authorization of this section.

#### METROPOLITAN PARKS

**SECTION 54.** The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

**SECTION 55.** (As Amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

**SECTION 57.** (As amended by chapter 197 of the Acts of 1933, and chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

**SECTION 58.** The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid

by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As Amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

FOSTER FURCOLO,  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1953

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North & South Systems	Charles River Basin	Total
Arlington . . .	\$47,908 56	\$57,746 01	\$92,487 65n	\$19 09	\$198,161 31
Belmont . . .	34,788 00	46,452 01	63,470 76n	17 47	144,728 24
Boston . . .	1,672,698 32	1,211,510 42	164,747 94n	433 42	3,478,870 96
	—	—	429,480 86s	—	—
Brookline . . .	80,190 32	122,356 21	121,331 52s	49 72	323,927 77
Cambridge . . .	16,057 68	166,427 02	257,335 50n	56 82	439,877 02
Canton . . .	—	9,401 03	12,304 98s	3 04	21,709 05
Chelsea . . .	56,052 56	45,438 03	78,145 35n	14 00	179,649 94
Cohasset . . .	—	645 26	—	—	645 26
Dedham . . .	—	25,620 94	31,767 65s	8 78	57,397 37
Dover . . .	—	4,456 43	—	1 91	4,458 34
Everett . . .	125,529 64	72,758 38	103,441 67n	26 57	301,756 26
Framingham . . .	—	—	12,094 54s	—	12,094 54
Hingham . . .	—	16,045 86	—	5 72	16,051 58
Hull . . .	—	11,888 83	—	5 40	11,894 23
Lexington . . .	26,829 56	—	36,680 30n	—	63,509 86
Lynn . . .	—	134,887 04	—	45 58	134,932 62
Malden . . .	73,282 48	73,123 48	121,993 24n	23 25	268,422 45
Marblehead . . .	20,438 20	—	—	—	20,438 20
Medford . . .	61,224 32	81,664 31	135,284 83n	26 14	278,199 60
Melrose . . .	25,042 28	38,169 52	58,118 35n	13 21	121,343 36
Milton . . .	22,686 44	36,459 72	41,328 74s	13 49	100,488 39
Nahant . . .	3,825 76	4,577 11	—	1 73	8,404 60
Natick . . .	—	—	6,793 36s	—	6,793 36
Needham . . .	—	25,229 38	29,386 17s	9 13	54,624 68
Newton . . .	41,139 20	143,915 37	156,842 46s	54 85	341,951 88
Norwood . . .	—	—	29,959 74s	—	29,959 74
Quincy . . .	104,217 92	123,683 17	147,953 71s	43 74	375,898 54
Reading . . .	—	—	29,163 76n	—	29,163 76
Revere . . .	42,594 96	41,877 27	73,181 17n	12 67	157,666 07
Saugus . . .	16,784 12	18,302 25	—	5 26	35,091 63
Somerville . . .	147,983 20	119,875 76	205,733 47n	37 02	473,629 45
Stoneham . . .	21,292 84	15,810 79	26,764 09n	4 95	63,872 67
Stoughton . . .	—	—	17,043 83s	—	17,043 83
Swampscott . . .	20,776 84	21,018 54	—	8 11	41,803 49
Wakefield . . .	—	23,801 49	39,979 53n	7 53	63,788 55
Walpole . . .	—	—	17,207 03s	—	17,207 03
Waltham . . .	77,496 40	58,401 25	81,162 03s	18 71	217,078 39
Watertown . . .	50,099 20	52,047 36	64,305 22s	17 88	166,469 66
Wellesley . . .	—	38,323 78	40,518 29s	14 93	78,857 00
Weston . . .	—	9,668 93	—	3 81	9,672 74
Westwood . . .	—	7,768 99	—	2 60	7,771 59
Weymouth . . .	—	48,579 42	57,884 94s	17 23	106,481 59
Winchester . . .	5,240 44	29,201 72	37,557 95n	11 42	72,011 53
Winthrop . . .	25,155 20	24,699 21	40,272 32n	8 03	90,134 76
Woburn . . .	—	23,523 72	40,914 81n	7 15	64,445 68
	\$2,819,334 44*	\$3,014,879 80	\$2,941,022 04	\$1,060 00	\$8,776,296 28

n — North System

s — South System

\*Does not include special assessments shown at bottom of page 8.

**METROPOLITAN WATER DISTRICT  
METROPOLITAN WATER DEBT**

**Under Metropolitan District Commission:**

Gross and net debt June 30, 1953	
Bonds outstanding (serial) old series	\$725,000 00
Bonds outstanding (serial) Water Use De-	
velopment Loan . . . . .	<u>23,438,000 00</u>
	<u><u>\$24,163,000 00</u></u>

**Under Metropolitan District Water Supply Com-  
mission:**

Gross and net debt June 30, 1953	
Bonds outstanding (serial):	
Additional Water Loan . . . . .	\$41,061,000 00
Water Main Loan, Act of 1949 . . . . .	3,120,000 00
Water Loan, Act of 1950 . . . . .	6,445,000 00
Water Loan, Act of 1952 . . . . .	<u>1,250,000 00</u>
	<u>51,876,000 00</u>
Total net water debt June 30, 1953 . . . . .	<u><u>\$76,039,000 00</u></u>

**METROPOLITAN WATER EXPENSES****Serial Bonds:**

Under Metropolitan District Commission . . . . .	\$932,776 00
Under Metropolitan District Water Supply Commission . . . . .	<u>3,025,900 00</u>
	<u>3,958,676 00</u>

**Interest:**

Under Metropolitan District Commission:	
Six months on \$806,000 00 \$16,122 50	
Six months on 725,000 00 14,501 25	
One year on 19,358,000 00 305,645 00	
Nine months, 16 days on 4,080,000 00 <u>64,826 67</u>	
	<u><u>\$401,095 42</u></u>

**Under Metropolitan District Water Supply  
Commission:**

Six months on \$39,848,000 00 \$434,523 75	
Six months on 38,561,000 00 417,471 25	
Six months, 16 days on 2,500,000 00 27,222 22	
Six months on 3,235,000 00 27,497 50	
Six months on 3,120,000 00 26,520 00	
Six months on 3,380,000 00 29,092 50	
Six months on 3,310,000 00 28,497 50	
Two months, 16 days on 3,250,000 00 13,722 22	
Six months on 3,135,000 00 31,350 00	

Six months,  
16 days on      1,250,000 00      13,611 11

\$1,049,508 05

On advances and temporary loans, estimated, 1953, and adjustment of 1952 interest charges	<u>6,668 11</u>	
Total interest . . . . .	. . . . .	\$1,457,271 58
Maintenance as appropriated by Legislature . . . . .	. . . . .	<u>3,028,573 50</u>
Total Expenses . . . . .	. . . . .	<u>8,444,521 08</u>
Assessment at \$40.00 per million gallons consumed	\$2,819,334 44	
Water discharged into Bannister Brook . . . . .	2,619 00	
Brookline assessment . . . . .	\$64,952 88	
Less credit for water supply works <u>1,564 36</u>	63,388 52	
Marblehead assessment . . . . .	<u>14,179 12</u>	
		<u>2,899,521 08</u>
Balance to be borrowed under Sect. 7, Chapter 549, Acts of 1946 . . . . .		<u>\$5,545,000 00</u>

### METROPOLITAN WATER ASSESSMENTS FOR 1953

CITIES AND TOWNS IN DISTRICT	Total Consumption for 1952 in million gallons	1953 Charge at \$40 per million gallons (Chap. 549 Acts of 1946)	Proportion for computing share of Debt
Arlington . . . . .	1,197.714	\$ 47,908 56	.016993
Belmont . . . . .	869.700	34,788 00	.012339
Boston . . . . .	41,817.458	1,672,698 32	.593296
Brookline <sup>1</sup> . . . . .	2,004.758	80,190 32	.028443
Cambridge <sup>2</sup> . . . . .	401.442	16,057 68	.005696
Chelsea . . . . .	1,401.314	56,052 56	.019881
Everett . . . . .	3,138.241	125,529 64	.044525
Lexington . . . . .	670.739	26,829 56	.009516
Malden . . . . .	1,832.062	73,282 48	.025993
Marblehead <sup>4</sup> . . . . .	510.955	20,438 20	.007249
Medford . . . . .	1,530.608	61,224 32	.021716
Melrose . . . . .	626.057	25,042 28	.008882
Milton . . . . .	567.161	22,686 44	.008047
Nahant . . . . .	95.644	3,825 76	.001357
Newton <sup>3</sup> . . . . .	1,028.480	41,139 20	.014592
Quincy . . . . .	2,605.448	104,217 92	.036965
Revere . . . . .	1,064.874	42,594 96	.015108
Saugus . . . . .	419.603	16,784 12	.005953
Somerville . . . . .	3,699.580	147,983 20	.052489
Stoneham . . . . .	532.321	21,292 84	.007552
Swampscott . . . . .	519.421	20,776 84	.007369
Waltham . . . . .	1,937.410	77,496 40	.027488
Watertown . . . . .	1,252.480	50,099 20	.017770
Winchester <sup>3</sup> . . . . .	131.011	5,240 44	.001859
Winthrop . . . . .	628.880	25,155 20	.008922
	<b>70,483.361</b>	<b>\$2,819,334 44</b>	<b>1.000000</b>

<sup>1</sup> Brookline began taking full supply April 13, 1952. (See note below.)

<sup>2</sup> Partial supply only.

<sup>3</sup> Area served undetermined.

<sup>4</sup> Marblehead entered district fully supplied May 22, 1952. (See note below.)

NOTE: Not included in above: Assessments on account of water discharged into Bannister Brook under Chap. 557 of the Acts of 1947: Framingham \$1,770.44; Natick \$848.56. Assessment against Brookline for 1,623,822,000 gallons of water taken from Metropolitan sources in 1952, \$64,952.88, less credits of \$1,564.36. Assessment against Marblehead for 354,478,000 gallons of water taken from Metropolitan sources May 22, 1952 to January 1, 1953, \$14,179.12.

**COMPARISON OF ASSESSMENTS, 1952 AND 1953 WITH REVENUE  
FROM WATER RATES IN 1952**

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns, 1952
	1952	1953	
Arlington . . . . .	\$48,300 28	\$47,908 56	219,511 99
Belmont . . . . .	31,286 56	34,788 00	149,093 52 a
Boston . . . . .	1,636,681 88	1,672,698 32	4,780,779 98
Brookline . . . . .	28,140 80	80,190 32	469,780 07 a
Cambridge . . . . .	26,816 76	16,057 68	904,118 81
Chelsea . . . . .	55,772 68	56,052 56	213,189 03 ab
Everett . . . . .	129,966 88	125,529 64	521,303 96 a
Lexington . . . . .	22,771 48	26,829 56	132,394 39
Malden . . . . .	71,371 76	73,282 48	303,705 21
Marblehead . . . . .	—	20,438 20	138,347 54
Medford . . . . .	58,981 80	61,224 32	289,344 02 a
Melrose . . . . .	24,940 72	25,042 28	127,894 99 ab
Milton . . . . .	18,991 60	22,686 44	185,337 18 ab
Nahant . . . . .	3,631 96	3,825 76	19,432 59
Newton . . . . .	33,320 56	41,139 20	551,355 78
Quincy . . . . .	97,529 36	104,217 92	467,996 09
Revere . . . . .	36,152 16	42,594 96	149,971 39
Saugus . . . . .	14,394 36	16,784 12	84,837 10 b
Somerville . . . . .	144,888 52	147,983 20	499,281 08 a
Stoneham . . . . .	17,044 36	21,292 84	87,709 81
Swampscott . . . . .	14,902 72	20,776 84	89,200 49 ab
Waltham . . . . .	61,463 48	77,496 40	338,829 08 ab
Watertown . . . . .	51,601 60	50,099 20	250,367 42 a
Winchester . . . . .	4,128 16	5,240 44	94,034 19
Winthrop . . . . .	23,702 40	25,155 20	108,449 47 ab
	<b>\$2,656,782 84</b>	<b>\$2,819,334 44</b>	<b>\$11,176,265 18</b>

a Includes money received from municipal departments.

b Includes money received from hydrant rentals.

## METROPOLITAN PARKS DISTRICT

## METROPOLITAN PARKS DEBT

Gross (and net) Parks debt June 30, 1953	
Bonds outstanding (serial)	\$3,000 00
Gross (and net) Parks, Series Two (Boulevards) debt	
June 30, 1953	
Bonds outstanding (serial) (one-half)	<u>13,000 00</u>
Total Metropolitan Parks debt June 30, 1953	<u>\$16,000 00</u>

## METROPOLITAN PARKS EXPENSES

## Serial Bonds:

Parks		\$1,000 00
Parks, Series Two		<u>6,000 00</u>
		\$7,000 00

## Interest:

Parks			
Six months on	\$4,000 00	\$80 00	
Six months on	3,000 00	<u>60 00</u>	140 00
On advances and adjustment of 1952 interest charges			5,850 00
Parks, Series Two			
Six months on	\$21,500 00	\$430 00	
Six months on	13,000 00	<u>260 00</u>	690 00
Maintenance as appropriated by Legislature			6,680 00
Total Parks expenses to be assessed			<u>\$3,001,199 80</u>
			\$3,014,879 80

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
*Proportion of Interest, Serial Bonds and Maintenance Requirements*  
*Determined by the Metropolitan District Commission*

CITIES AND TOWNS	Valuation (Chap. 559 Acts 1945)	Valuation Per Cent (Note 1)	Population 1950 Census	Population Per Cent	Average Per Cent (Note 2) Ch. 554, Acts 1949
Arlington . . .	\$63,327,779	.018010	44,353	.021468	.019163
Belmont . . .	57,954,895	.016482	27,381	.013253	.015406
Boston . . .	1,437,779,078	.408885	801,444	.387926	.401898
Braintree . . .	31,968,400	.009091	23,161	.011211	.009798
Brookline . . .	164,949,098	.046909	57,589	.027875	.040564
Cambridge . . .	188,515,872	.053611	120,740	.058442	.055221
Concord . . .	10,101,349	.002873	7,465	.003613	.003120
Chelsea . . .	46,441,609	.013207	38,912	.018835	.015083
Dedham . . .	29,105,423	.008277	18,487	.008948	.008501
Dover . . .	6,325,116	.001799	1,722	.000834	.001477
Everett . . .	88,165,414	.025073	45,982	.022257	.024134
Hingham . . .	18,999,428	.005403	10,665	.005162	.005323
Hull . . .	17,900,393	.005091	3,379	.001636	.003939
Lynn . . .	151,194,710	.042998	99,738	.048277	.044758
Malden . . .	77,119,332	.021932	59,804	.028947	.024270
Medford . . .	86,696,291	.024655	66,113	.032001	.027104
Melrose . . .	43,827,859	.012464	26,988	.013063	.012664
Milton . . .	44,725,770	.012719	22,395	.010840	.012093
Nahant . . .	5,722,850	.001628	2,679	.001297	.001518
Needham . . .	30,261,434	.008606	16,313	.007896	.008369
Newton . . .	181,961,300	.051747	81,994	.039688	.047727
Quincy . . .	145,077,833	.041258	83,835	.040579	.041032
Revere . . .	42,040,213	.011956	36,763	.017795	.013902
Saugus . . .	17,446,731	.004962	17,162	.008307	.006077
Somerville . . .	122,784,622	.034918	102,351	.049541	.039792
Stoneham . . .	16,420,347	.004670	13,229	.006403	.005248
Swampscott . . .	28,905,763	.007652	11,580	.005605	.006970
Wakefield . . .	24,960,810	.007099	19,633	.009503	.007900
Waltham . . .	62,078,958	.017654	47,187	.022840	.019383
Watertown . . .	59,318,707	.016870	37,329	.018068	.017269
Wellesley . . .	49,542,385	.014089	20,549	.009946	.012708
Weston . . .	12,634,820	.003593	5,026	.002433	.003206
Westwood . . .	8,630,467	.002454	5,837	.002825	.002578
Weymouth . . .	57,187,043	.016263	32,690	.015823	.016116
Winchester . . .	37,874,919	.010771	15,509	.007507	.009683
Winthrop . . .	26,644,419	.007577	19,496	.009437	.008197
Woburn . . .	23,747,647	.006754	20,492	.009919	.007809
	<b>\$3,516,339,084</b>	<b>1.000000</b>	<b>2,065,972</b>	<b>1.000000</b>	<b>1.000000</b>
Cohasset (Note 3) . . .	11,063,194	.003136	3,731	.001803	.000215
	<b>\$3,527,402,278</b>		<b>2,069,703</b>		

Note 1. Serial bonds and interest.

Note 2. Maintenance.

Note 3. Nantasket maintenance (8% of its proportion).

## METROPOLITAN PARKS DISTRICT

*Serial Bond Assessments*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$18 01	\$108 06	\$126 07
Belmont . . . . .	16 48	98 89	115 37
Boston . . . . .	408 89	2,453 31	2,862 20
Braintree . . . . .	9 09	54 55	63 64
Brookline . . . . .	46 91	281 46	328 37
Cambridge . . . . .	53 61	321 67	375 28
Canton . . . . .	2 87	17 24	20 11
Chelsea . . . . .	13 21	79 24	92 45
Dedham . . . . .	8 28	49 66	57 94
Dover . . . . .	1 80	10 79	12 59
Everett . . . . .	25 07	150 44	175 51
Hingham . . . . .	5 40	32 42	37 82
Hull . . . . .	5 09	30 55	35 64
Lynn . . . . .	43 00	257 99	300 99
Malden . . . . .	21 93	131 59	153 52
Medford . . . . .	24 66	147 93	172 59
Melrose . . . . .	12 46	74 78	87 24
Milton . . . . .	12 73	76 31	89 04
Nahant . . . . .	1 63	9 77	11 40
Needham . . . . .	8 61	51 64	60 25
Newton . . . . .	51 75	310 48	362 23
Quincy . . . . .	41 26	247 55	288 81
Revere . . . . .	11 95	71 74	83 69
Saugus . . . . .	4 96	29 77	34 73
Somerville . . . . .	34 92	209 51	244 43
Stoneham . . . . .	4 67	28 02	32 69
Swampscott . . . . .	7 65	45 91	53 56
Wakefield . . . . .	7 10	42 59	49 69
Waltham . . . . .	17 65	105 92	123 57
Watertown . . . . .	16 87	101 22	118 09
Wellesley . . . . .	14 09	84 53	98 62
Weston . . . . .	3 59	21 56	25 15
Westwood . . . . .	2 45	14 72	17 17
Weymouth . . . . .	16 26	97 58	113 84
Winchester . . . . .	10 77	64 63	75 40
Winthrop . . . . .	7 58	45 46	53 04
Woburn . . . . .	6 75	40 52	47 27
	\$1,000 00	\$6,000 00	\$7,000 00

## METROPOLITAN PARKS DISTRICT

*Interest Assessments*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$107 88	\$12 43	\$120 31
Belmont . . . . .	98 73	11 37	110 10
Boston . . . . .	2,440 22	282 13	2,731 35
Braintree . . . . .	54 45	6 27	60 72
Brookline . . . . .	280 98	32 37	313 35
Cambridge . . . . .	321 13	36 99	358 12
Canton . . . . .	17 21	1 98	19 19
Chelsea . . . . .	79 11	9 11	88 22
Dedham . . . . .	49 58	5 71	55 29
Dover . . . . .	10 78	1 24	12 02
Everett . . . . .	150 19	17 30	167 49
Hingham . . . . .	32 36	3 73	36 09
Hull . . . . .	30 50	3 51	34 01
Lynn . . . . .	257 56	29 67	287 23
Malden . . . . .	131 37	15 13	146 50
Medford . . . . .	147 68	17 01	164 69
Melrose . . . . .	74 66	8 60	83 26
Milton . . . . .	78 19	8 78	84 97
Nahant . . . . .	9 75	1 12	10 87
Needham . . . . .	51 55	5 94	57 49
Newton . . . . .	309 96	35 71	345 67
Quincy . . . . .	247 14	28 47	275 61
Revere . . . . .	71 62	8 25	79 87
Saugus . . . . .	20 72	3 43	33 15
Somerville . . . . .	209 16	24 10	233 26
Stoneham . . . . .	27 97	3 22	31 19
Swampscott . . . . .	45 83	5 28	51 11
Wakefield . . . . .	42 52	4 90	47 42
Waltham . . . . .	105 75	12 18	117 93
Watertown . . . . .	101 05	11 64	112 69
Wellesley . . . . .	84 39	9 72	94 11
Weston . . . . .	21 52	2 48	24 00
Westwood . . . . .	14 70	1 69	16 39
Weymouth . . . . .	97 42	11 22	108 64
Winchester . . . . .	64 52	7 43	71 95
Winthrop . . . . .	45 39	5 23	50 62
Woburn . . . . .	40 46	4 66	45 12
	\$5,990 00	\$ 690 00	\$6,680 00

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Total Assessments and Grand Total*

CITIES AND TOWNS	Total Serial Bonds	Total Interest	Total Maintenance	Grand Totals
Arlington . . . . .	\$126 07	\$120 31	\$57,499 63	\$57,746 01
Belmont . . . . .	115 37	110 10	46,226 54	46,452 01
Boston . . . . .	2,862 20	2,731 35	1,205,916 87	1,211,510 42
Braintree . . . . .	63 64	60 72	29,399 43	29,523 79
Brookline . . . . .	328 37	313 35	121,714 49	122,356 21
Cambridge . . . . .	375 28	358 12	165,693 62	166,427 02
Canton . . . . .	20 11	19 19	9,361 73	9,401 03
Chelsea . . . . .	92 45	88 22	45,257 36	45,438 03
Cohasset . . . . .	—	—	645 26	645 26
Dedham . . . . .	57 94	55 29	25,507 71	25,620 94
Dover . . . . .	12 59	12 02	4,431 82	4,456 43
Everett . . . . .	175 51	167 49	72,415 38	72,758 38
Hingham . . . . .	37 82	36 09	15,971 95	16,045 86
Hull . . . . .	35 64	34 01	11,819 18	11,888 83
Lynn . . . . .	300 99	287 23	134,298 82	134,887 04
Malden . . . . .	153 52	146 50	72,823 46	73,123 48
Medford . . . . .	172 59	164 69	81,327 03	81,664 31
Melrose . . . . .	87 24	83 26	37,999 02	38,169 52
Milton . . . . .	89 04	84 97	36,285 71	36,459 72
Nahant . . . . .	11 40	10 87	4,554 84	4,577 11
Needham . . . . .	60 25	57 49	25,111 64	25,229 38
Newton . . . . .	362 23	345 67	143,207 47	143,915 37
Quincy . . . . .	288 81	275 61	123,118 75	123,683 17
Revere . . . . .	83 69	79 87	41,713 71	41,877 27
Saugus . . . . .	34 73	33 15	18,234 37	18,302 25
Somerville . . . . .	244 43	233 26	119,398 07	119,875 76
Stoneham . . . . .	32 69	31 19	15,746 91	15,810 79
Swampscott . . . . .	53 56	51 11	20,913 87	21,018 54
Wakefield . . . . .	49 69	47 42	23,704 38	23,801 49
Waltham . . . . .	123 57	117 93	58,159 75	58,401 25
Watertown . . . . .	118 09	112 69	51,816 58	52,047 36
Wellesley . . . . .	98 62	94 11	38,131 05	38,323 78
Weston . . . . .	25 15	24 00	9,619 78	9,668 93
Westwood . . . . .	17 17	16 39	7,735 43	7,768 99
Weymouth . . . . .	113 84	108 64	48,356 94	48,579 42
Winchester . . . . .	75 40	71 95	29,054 37	29,201 72
Winthrop . . . . .	53 04	50 62	24,595 55	24,699 21
Woburn . . . . .	47 27	45 12	23,431 33	23,523 72
	<b>\$7,000 00</b>	<b>\$6,680 00</b>	<b>\$3,001,199 80</b>	<b>\$3,014,879 80</b>

39% of maintenance of Parks, Boulevards and Charles River Basin beginning in 1950, Chapter 554, Acts of 1949, charged to Metropolitan Parks District on percentages shown on Page 11.

## METROPOLITAN PARKS AND SEWERAGE DISTRICTS

*Comparison of Assessments 1952 and 1953*

CITIES AND TOWNS	Parks		Sewerage	
	1952	1953	1952	1953
Arlington . . . . .	\$58,416 01	\$57,746 01	\$79,947 22	\$92,487 65
Belmont . . . . .	46,999 54	46,452 01	53,857 92	63,470 78
Boston . . . . .	1,225,700 38	1,211,510 42	574,358 81	594,228 80
Brantree . . . . .	29,865 85	29,523 79	38,733 19	38,384 28
Brookline . . . . .	123,813 41	122,356 21	126,603 37	121,331 52
Cambridge . . . . .	163,365 34	166,427 02	221,588 58	257,335 50
Canton . . . . .	9,509 86	9,401 03	12,385 34	12,304 98
Chelsea . . . . .	45,961 11	45,438 03	68,033 56	78,145 35
Cohasset . . . . .	651 88	645 26	—	—
Dedham . . . . .	25,919 45	25,620 94	32,253 29	31,767 65
Dover . . . . .	4,509 89	4,456 43	—	—
Everett . . . . .	73,612 79	72,758 38	88,213 17	103,441 67
Framingham . . . . .	—	—	14,160 35	12,094 54
Hingham . . . . .	16,233 76	16,045 86	—	—
Hull . . . . .	12,032 70	11,888 83	—	—
Lexington . . . . .	—	—	31,623 39	36,680 30
Lynn . . . . .	136,456 07	134,837 04	—	—
Malden . . . . .	73,968 16	73,123 48	105,893 60	121,993 24
Medford . . . . .	82,608 35	81,664 31	117,348 40	135,284 83
Melrose . . . . .	38,614 81	38,169 52	49,954 01	58,118 35
Milton . . . . .	36,888 52	36,459 72	42,358 14	41,328 74
Nahant . . . . .	4,631 09	4,577 11	—	—
Natick . . . . .	—	—	—	6,793 36
Needham . . . . .	25,525 26	25,229 38	30,053 02	29,336 17
Newton . . . . .	145,614 62	143,915 37	161,526 64	156,842 46
Norwood . . . . .	—	—	30,593 63	29,959 74
Quincy . . . . .	125,129 74	123,683 17	150,855 18	147,953 71
Reading . . . . .	—	—	25,217 60	29,163 76
Revere . . . . .	42,358 42	41,877 27	63,813 19	73,181 17
Saugus . . . . .	18,511 40	18,302 25	—	—
Somerville . . . . .	121,256 04	119,875 76	179,080 09	205,733 47
Stoneham . . . . .	15,993 13	15,810 79	23,268 21	26,764 09
Stoughton . . . . .	—	—	16,926 72	17,043 83
Swampscott . . . . .	21,267 11	21,018 54	—	—
Wakefield . . . . .	24,076 26	23,801 49	34,720 64	39,979 53
Walpole . . . . .	—	—	17,665 97	17,207 03
Waltham . . . . .	59,076 46	58,401 25	81,463 15	81,162 03
Watertown . . . . .	52,653 99	52,047 36	65,228 15	64,305 22
Wellesley . . . . .	38,777 62	38,323 78	41,874 18	40,518 29
Weston . . . . .	9,783 58	9,668 93	—	—
Westwood . . . . .	7,859 27	7,768 99	—	—
Weymouth . . . . .	49,147 84	48,579 42	58,974 46	57,884 94
Winchester . . . . .	29,547 66	29,201 72	31,626 51	37,557 95
Winthrop . . . . .	24,985 23	24,699 21	34,875 85	40,272 32
Woburn . . . . .	23,794 17	23,523 72	35,662 72	40,914 81
	<b>\$3,050,116 77</b>	<b>\$3,014,879 80</b>	<b>\$2,740,538 25</b>	<b>\$2,941,022 04</b>

METROPOLITAN SEWERAGE DISTRICT  
 METROPOLITAN SEWERAGE, NORTH SYSTEM, DEBT

Gross (and net) debt June 30, 1953

Bonds outstanding (serial) . . . . .	\$2,325,000 00
Bonds outstanding (serial) Acts of 1951 . . . . .	<u>12,500,000 00</u>
	<u><u>\$14,825,000 00</u></u>

METROPOLITAN SEWERAGE, NORTH SYSTEM, EXPENSES

Serial Bonds . . . . .	\$313,000 00
Interest	
One year on     \$1,067,000 00     \$18,950 00	
Six months on   1,426,000 00     10,907 50	
Six months on   1,258,000 00 <u>9,635 00</u>	
	39,492 50
On advances and temporary loans, estimated, 1953, and adjustment of interest 1952 . . . . .	<u>8,600 00</u>
	48,092 50
Maintenance as appropriated by Legislature . . . . .	1,244,180 19
Total Metropolitan Sewerage, North System, expenses to be assessed . . . . .	<u><u>\$1,605,272 69</u></u>

## METROPOLITAN SEWERAGE DISTRICT — NORTH SYSTEM

*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)	Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
Arlington . . . . .	\$63,327,779	5.87	44,353	5.73
Belmont . . . . .	57,954,895	5.38	27,381	3.54
Boston				
Charlestown and East Boston .	85,537,810	7.93	84,628	10.94
Cambridge . . . . .	188,515,872	17.48	120,740	15.61
Chelsea . . . . .	46,441,609	4.31	38,912	5.03
Everett . . . . .	88,165,414	8.18	45,982	5.94
Lexington . . . . .	26,354,606	2.44	17,335	2.24
Malden . . . . .	77,119,332	7.15	59,804	7.73
Medford . . . . .	86,696,291	8.04	66,113	8.54
Melrose . . . . .	43,827,850	4.07	26,988	3.49
Reading . . . . .	19,856,099	1.84	14,006	1.81
Revere . . . . .	42,040,213	3.90	36,763	4.75
Somerville . . . . .	122,784,622	11.39	102,351	13.23
Stoneham . . . . .	16,420,347	1.52	13,229	1.71
Wakefield . . . . .	24,960,810	2.32	19,633	2.54
Winchester . . . . .	37,874,919	3.51	15,509	2.00
Winthrop . . . . .	26,644,419	2.47	19,496	2.52
Woburn . . . . .	23,747,647	2.20	20,492	2.65
	<b>\$1,078,270,543</b>	<b>100.00</b>	<b>773,715</b>	<b>100.00</b>

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$18,373 10	\$2,823 03	\$71,291 52	\$92,487 65
Belmont . . . . .	16,839 40	2,587 38	44,043 98	63,470 76
Boston				
Charlestown and East Boston .	24,820 90	3,813 73	136,113 31	164,747 94
Cambridge . . . . .	54,712 40	8,406 57	194,216 53	257,335 50
Chelsea . . . . .	13,490 30	2,072 79	62,582 26	78,145 35
Everett . . . . .	25,603 40	3,933 97	73,904 30	103,441 67
Lexington . . . . .	7,637 20	1,173 46	27,869 64	36,680 30
Malden . . . . .	22,379 50	3,438 61	96,175 13	121,993 24
Medford . . . . .	25,165 20	3,866 64	106,252 99	135,284 83
Melrose . . . . .	12,739 10	1,957 36	43,421 89	58,118 35
Reading . . . . .	5,759 20	884 90	22,519 66	29,163 76
Revere . . . . .	12,207 00	1,875 61	59,098 56	73,181 17
Somerville . . . . .	35,650 70	5,477 73	164,605 04	205,733 47
Stoneham . . . . .	4,757 60	731 01	21,275 48	26,764 09
Wakefield . . . . .	7,261 60	1,115 75	31,602 18	39,979 53
Winchester . . . . .	10,986 30	1,688 05	24,883 60	37,557 95
Winthrop . . . . .	7,731 10	1,187 88	31,353 34	40,272 32
Woburn . . . . .	6,886 00	1,058 03	32,970 78	40,914 81
	<b>\$313,000 00</b>	<b>\$48,092 50</b>	<b>\$1,244,180 19</b>	<b>\$1,605,272 69</b>

METROPOLITAN SEWERAGE DISTRICT  
 METROPOLITAN SEWERAGE, SOUTH SYSTEM, DEBT

Gross (and net) debt June 30, 1953

Bonds outstanding (serial) . . . . .	\$4,598,000 00
Bonds outstanding (serial) Act of 1951 . . .	<u>1,500,000 00</u>
<u><u>\$6,098,000 00</u></u>	

METROPOLITAN SEWERAGE, SOUTH SYSTEM, EXPENSES

Serial Bonds . . . . .	\$314,000 00
<b>Interest:</b>	
One year on     \$3,398,000 00     \$47,380 00	
Six months on   1,275,000 00     10,200 00	
Six months on   1,200,000 00 <u>9,600 00</u>	
	\$67,180 00
On advances and temporary loans, estimated 1953, and adjustment of interest charges in 1952 . . . . .	
	<u>11,500 00</u>
	78,680 00
Maintenance as appropriated by Legislature . . . . .	
	943,069 35
Total Metropolitan Sewerage, South System, ex- penses to be assessed . . . . .	
	<u><u>\$1,335,749 35</u></u>

## METROPOLITAN SEWERAGE DISTRICT — SOUTH SYSTEM

*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)	Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
<b>Boston:</b>				
All of Brighton and Hyde Park and parts of Roxbury, West Roxbury and Dorchester . . .	\$312,015,921	23.97	269,862	35.56
Braintree . . . . .	31,968,400	2.45	23,161	3.05
Brookline . . . . .	164,949,098	12.67	57,589	7.59
Canton . . . . .	10,101,349	0.78	7,465	0.98
Dedham . . . . .	29,105,423	2.23	18,487	2.44
Framingham . . . . .	40,078,973	3.08	—	—
Milton . . . . .	44,725,770	3.44	22,395	2.95
Natick . . . . .	22,482,880	1.73	—	—
Needham . . . . .	30,261,434	2.32	16,313	2.15
Newton . . . . .	181,961,300	13.98	81,994	10.81
Norwood . . . . .	30,838,574	2.37	16,636	2.19
Quincy . . . . .	145,077,833	11.14	83,835	11.05
Stoughton . . . . .	10,505,378	0.81	11,146	1.47
Walpole . . . . .	19,489,960	1.50	9,109	1.20
Waltham . . . . .	62,073,958	4.77	50,255*	6.62
Watertown . . . . .	59,318,707	4.56	37,329	4.92
Wellesley . . . . .	49,542,385	3.81	20,549	2.71
Weymouth . . . . .	57,187,043	4.39	32,690	4.31
	<hr/> <b>\$1,301,689,386</b>	<hr/> <b>100.00</b>	<hr/> <b>758,815</b>	<hr/> <b>100.00</b>

\* Including 3068 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chapter 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
<b>Boston:</b>				
All of Brighton and Hyde Park and parts of Roxbury, West Roxbury and Dorchester . . .	\$75,265 80	\$18,859 60	\$335,355 46	\$429,480 86
Braintree . . . . .	7,693 00	1,927 66	28,763 62	38,384 28
Brookline . . . . .	39,783 80	9,968 76	71,578 96	121,331 52
Canton . . . . .	2,449 20	613 70	9,242 08	12,304 98
Dedham . . . . .	7,002 20	1,754 56	23,010 89	31,767 65
Framingham . . . . .	9,671 20	2,423 34	**	12,094 54
Milton . . . . .	10,801 60	2,706 59	27,820 55	41,328 74
Natick . . . . .	5,432 20	1,361 16	**	6,793 36
Needham . . . . .	7,284 80	1,825 38	20,275 99	29,386 17
Newton . . . . .	43,897 20	10,999 46	101,945 80	156,842 46
Norwood . . . . .	7,441 80	1,864 72	20,653 22	29,959 74
Quincy . . . . .	34,979 60	8,764 95	104,209 16	147,953 71
Stoughton . . . . .	2,543 40	637 31	13,863 12	17,043 83
Walpole . . . . .	4,710 00	1,180 20	11,316 83	17,207 03
Waltham . . . . .	14,977 80	3,753 04	62,431 19	81,162 03
Watertown . . . . .	14,318 40	3,587 81	46,399 01	64,305 22
Wellesley . . . . .	11,963 40	2,997 71	25,557 18	40,518 29
Weymouth . . . . .	13,734 60	3,454 05	40,646 29	57,884 94
	<hr/> <b>\$314,000 00</b>	<hr/> <b>\$78,680 00</b>	<hr/> <b>\$943,069 35</b>	<hr/> <b>\$1,335,749 35</b>

\*\* No maintenance charges until connection is available.

## CHARLES RIVER BASIN

## CHARLES RIVER BASIN DEBT

Gross (and net) Charles River Basin debt June 30, 1953

Bonds outstanding (serial)

\$1,000 00

## CHARLES RIVER BASIN EXPENSES

Serial Bonds . . . . . \$1,000 00

## Interest:

Six months on \$2,000 00 \$40 00

Six months on 1,000 00 20 00

60 00

Total Charles River Basin expenses to be assessed . . . . . \$1,060 00

(Maintenance included in Metropolitan Parks. See page 14)

## CHARLES RIVER BASIN LOAN

*Assessments*

(For table of percentages see page 11.)

CITIES AND TOWNS	Serial Bonds	Interest	Total
Arlington . . . . .	\$18 01	\$1 08	\$19 09
Belmont . . . . .	16 48	99	17 47
Boston . . . . .	408 89	24 53	433 42
Brantree . . . . .	9 09	55	9 64
Brookline . . . . .	46 91	2 81	49 72
Cambridge . . . . .	53 61	3 21	56 82
Canton . . . . .	2 87	17	3 04
Chelsea . . . . .	13 21	79	14 00
Dedham . . . . .	8 28	50	8 78
Dover . . . . .	1 80	11	1 91
Everett . . . . .	25 07	1 50	26 57
Hingham . . . . .	5 40	32	5 72
Hull . . . . .	5 09	31	5 40
Lynn . . . . .	43 00	2 58	45 58
Malden . . . . .	21 93	1 32	23 25
Medford . . . . .	24 66	1 48	26 14
Melrose . . . . .	12 46	75	13 21
Milton . . . . .	12 73	76	13 49
Nahant . . . . .	1 63	10	1 73
Needham . . . . .	8 61	52	9 13
Newton . . . . .	51 75	3 10	54 85
Quincy . . . . .	41 26	2 48	43 74
Revere . . . . .	11 95	72	12 67
Saugus . . . . .	4 96	30	5 26
Somerville . . . . .	34 92	2 10	37 02
Stonham . . . . .	4 67	28	4 95
Swampscott . . . . .	7 65	46	8 11
Wakefield . . . . .	7 10	43	7 53
Waltham . . . . .	17 65	1 06	18 71
Watertown . . . . .	16 87	1 01	17 88
Wellesley . . . . .	14 09	84	14 93
Weston . . . . .	3 59	22	3 81
Westwood . . . . .	2 45	15	2 60
Weymouth . . . . .	16 26	97	17 23
Winchester . . . . .	10 77	65	11 42
Winthrop . . . . .	7 58	45	8 03
Woburn . . . . .	6 75	40	7 15
	<u>\$1,000 00</u>	<u>\$60 00</u>	<u>\$1,060 00</u>

## ADJUSTMENT OF METROPOLITAN PARKS ACCOUNTS AS OF 1949

*Correcting Accounts Credited with Amounts Reverted*

		Assessment Met. Parks Maintenance Note 1	Distribution Charles River Basin Maintenance Note 2	Distribution Nantasket Maintenance Note 3	Net Assessment	Net Distribution
Arlington	.	. . . .	\$97 82	\$85 38	\$3 25	\$9 19
Belmont	.	. . . .	76 05	78 14	2 98	—
Boston	.	. . . .	1,948 50	1,938 49	73 86	—
Braintree	.	. . . .	47 31	43 10	1 64	2 57
Brookline	.	. . . .	185 45	222 39	8 47	—
Cambridge	.	. . . .	268 56	254 17	9 68	4 71
Canton	.	. . . .	15 31	13 62	52	1 17
Chelsea	.	. . . .	81 60	62 61	2 39	16 60
Cohasset	.	. . . .	—	—	57	—
Dedham	.	. . . .	40 85	39 24	1 50	11
Dover	.	. . . .	6 35	8 53	32	2 50
Everett	.	. . . .	121 40	118 87	4 53	—
Hingham	.	. . . .	25 20	25 62	98	—
Hull	.	. . . .	16 70	24 14	92	—
Lynn	.	. . . .	235 10	203 85	7 77	23 48
Malden	.	. . . .	127 21	103 98	3 96	19 27
Medford	.	. . . .	143 14	116 89	4 45	21 80
Melrose	.	. . . .	65 06	59 09	2 25	3 72
Milton	.	. . . .	58 00	60 30	2 30	—
Nahant	.	. . . .	6 95	7 72	29	1 06
Needham	.	. . . .	39 01	40 80	1 55	—
Newton	.	. . . .	222 34	245 33	9 35	—
Quiney	.	. . . .	202 45	195 60	7 45	—
Revere	.	. . . .	73 30	56 68	2 16	14 46
Saugus	.	. . . .	32 70	23 52	90	8 28
Somerville	.	. . . .	216 11	165 54	6 31	44 26
Stoneham	.	. . . .	26 28	22 14	84	3 30
Swampscott	.	. . . .	33 38	36 28	1 38	—
Wakefield	.	. . . .	40 44	33 66	1 28	5 50
Waltham	.	. . . .	97 02	83 70	3 19	10 13
Watertown	.	. . . .	87 54	79 98	3 05	4 51
Wellesley	.	. . . .	56 29	66 80	2 54	—
Weston	.	. . . .	14 34	17 03	65	3 34
Westwood	.	. . . .	11 94	11 63	44	—
Weymouth	.	. . . .	74 39	77 10	2 94	—
Winchester	.	. . . .	45 32	51 06	1 95	5 65
Winthrop	.	. . . .	41 64	35 92	1 37	4 35
Woburn	.	. . . .	41 07	32 02	1 22	7 83
			\$4,922 12	\$4,740 92	\$181 20	\$205 24
						\$205 24

1—Proportions as determined for Parks Maintenance, except Nantasket, for the year 1949.

2—Proportions as determined for Charles River Basin Maintenance for the year 1949.

3—Proportions as determined for Nantasket Maintenance for the year 1949.

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Net Debt June 30, 1953 (Serial Bonds Outstanding)	\$3,000 00	\$13,000 00	\$14,825,000 00
1 Arlington . . . . .	54 03	234 13	870,227 50
2 Belmont . . . . .	49 45	214 27	797,585 00
3 Boston . . . . .	1,226 65	5,315 50	1,175,622 50
4 Braintree . . . . .	27 27	118 18	—
5 Brookline . . . . .	140 73	609 82	—
6 Cambridge . . . . .	160 83	696 94	2,591,410 00
7 Canton . . . . .	8 62	37 35	—
8 Chelsea . . . . .	39 62	171 69	638,957 50
9 Dedham . . . . .	24 83	107 60	—
10 Dover . . . . .	5 40	23 39	—
11 Everett . . . . .	75 22	325 95	1,212,685 00
12 Framingham . . . . .	—	—	—
13 Hingham . . . . .	16 21	70 24	—
14 Hull . . . . .	15 27	66 18	—
15 Lexington . . . . .	—	—	361,730 00
16 Lynn . . . . .	128 99	558 97	—
17 Malden . . . . .	65 80	285 12	1,059,987 50
18 Marblehead . . . . .	—	—	—
19 Medford . . . . .	73 97	320 52	1,191,930 00
20 Melrose . . . . .	37 39	162 03	603,377 50
21 Milton . . . . .	38 16	165 35	—
22 Nahant . . . . .	4 88	21 16	—
23 Natick . . . . .	—	—	—
24 Needham . . . . .	25 82	111 88	—
25 Newton . . . . .	155 24	672 71	—
26 Norwood . . . . .	—	—	—
27 Quincy . . . . .	123 77	536 35	—
28 Reading . . . . .	—	—	272,780 00
29 Revere . . . . .	35 87	155 43	578,175 00
30 Saugus . . . . .	14 89	64 51	—
31 Somerville . . . . .	104 75	453 93	1,688,567 50
32 Stoneham . . . . .	14 01	60 71	225,340 00
33 Stoughton . . . . .	—	—	—
34 Swampscott . . . . .	22 96	99 48	—
35 Wakefield . . . . .	21 30	92 29	343,940 00
36 Walpole . . . . .	—	—	—
37 Waltham . . . . .	52 96	229 50	—
38 Watertown . . . . .	50 61	219 31	—
39 Wellesley . . . . .	42 27	183 16	—
40 Weston . . . . .	10 78	46 71	—
41 Westwood . . . . .	7 36	31 90	—
42 Weymouth . . . . .	48 79	211 42	—
43 Winchester . . . . .	32 31	140 02	520,357 50
44 Winthrop . . . . .	22 73	98 50	366,177 50
45 Woburn . . . . .	20 26	87 80	326,150 00
	\$3,000 00	\$13,000 00	\$14,825,000 00

## JUNE 30, 1953 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Charles River Basin	Total	
\$6,098,000 00	\$76,039,000 00	\$1,000 00	\$96,979,000 00	
—	1,292,130 73	18 01	2,162,664 40	Arlington 1
—	938,245 22	16 48	1,736,110 42	Belmont 2
1,461,690 60	45,113,634 54	408 89	47,757,898 68	Boston 3
149,401 00	—	9 09	149,555 54	Braintree 4
772,616 60	2,162,777 28	46 91	2,936,191 34	Brookline 5
—	433,118 14	53 61	3,025,439 52	Cambridge 6
47,564 40	—	2 87	47,613 24	Canton 7
—	1,511,731 36	13 21	2,150,913 38	Chelsea 8
135,985 40	—	8 28	136,126 11	Dedham 9
—	—	1 80	30 59	Dover 10
—	3,385,636 48	25 07	4,598,747 72	Everett 11
187,818 40	—	—	187,818 40	Framingham 12
—	—	5 40	91 85	Hingham 13
—	—	5 09	86 54	Hull 14
—	723,587 12	—	1,085,317 12	Lexington 15
—	—	43 00	730 96	Lynn 16
—	1,976,481 73	21 93	3,036,842 08	Malden 17
—	551,206 71	—	551,206 71	Marblehead 18
—	1,651,262 92	24 66	2,843,612 07	Medford 19
—	675,378 40	12 46	1,278,967 78	Melrose 20
209,771 20	611,885 83	12 72	821,873 26	Milton 21
—	103,184 92	1 63	103,212 59	Nahant 22
105,495 40	—	—	105,495 40	Natick 23
141,473 60	—	8 61	141,619 91	Needham 24
852,500 40	1,109,561 09	51 75	1,962,941 19	Newton 25
144,522 60	—	—	144,522 60	Norwood 26
679,317 20	2,810,781 64	41 26	3,490,800 22	Quincy 27
—	—	—	272,780 00	Reading 28
—	1,148,797 21	11 96	1,727,175 47	Revere 29
—	452,660 17	4 96	452,744 53	Saugus 30
—	3,991,211 07	34 92	5,680,372 17	Somerville 31
—	574,246 53	4 67	799,665 92	Stoneham 32
49,393 80	—	—	49,393 80	Stoughton 33
—	560,331 39	7 65	560,461 48	Swampscott 34
—	—	7 10	344,060 69	Wakefield 35
91,470 00	—	—	91,470 00	Walpole 36
290,874 60	2,090,160 03	17 65	2,381,334 74	Waltham 37
278,068 80	1,351,213 03	16 87	1,629,568 62	Watertown 38
232,333 80	—	14 09	232,573 32	Wellesley 39
—	—	3 59	61 08	Weston 40
—	—	2 45	41 71	Westwood 41
267,702 20	—	16 26	267,978 67	Weymouth 42
—	141,356 50	10 77	661,897 10	Winchester 43
—	678,419 96	7 58	1,044,726 27	Winthrop 44
—	—	6 75	326,264 81	Woburn 45
\$6,098,000 00	\$76,039,000 00	\$1,000 00	\$96,979,000 00	



The Commonwealth of Massachusetts

1954

# ASSESSMENTS

FOR

## INTEREST, SERIAL BONDS AND MAINTENANCE

OF THE

## METROPOLITAN DISTRICTS

Compiled in the Office of

FOSTER FURCOLO

TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1954

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds and maintenance for 1954, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1953, bonds have been issued as follows:

Metropolitan Water Use Development Loan . . . .	\$5,545,000.00
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The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the porportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## METROPOLITAN WATER

SECTION 26. (As amended by Chapter 618 of the Acts of 1953.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:— (a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of eighty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year; (b) In the case of each city or town that joined, or commenced to take its entire supply from, the district during the previous year, an additional amount equal to said rate times the quantity furnished it by the district in that year and not certified by the commission to have been already covered by previous payments; and (c) In the case of each member city and town that has not so commenced and of each eligible non-member city or town, or water company, or water supply, water, fire or fire and water district, located within such

city or town, an amount equal to said rate times the quantity furnished it by the district in the previous year. The commission shall certify to the state treasurer the information as to dates and quantities of water consumed necessary to determine such assessments.

The commission shall, on or before March first of each year, submit to the officials of the member cities and towns a statement indicating the amount of water sold to all municipalities and the revenue received for the same during the previous calendar year. The commission shall also submit a statement indicating the total outstanding indebtedness at the end of the previous year and the total expenditures for the previous year for maintenance and operation of the system, debt service and capital improvements.

The commission shall, on or before October first of each year, submit to the officials of the member cities and towns a statement indicating the unexpended balance of funds previously appropriated or authorized to be used in connection with improvements or extensions to its water supply system and a statement indicating the amounts which the commission deems to be required for similar improvements during the succeeding fiscal year.

On or before November first of each year, the commission shall hold a public hearing on the subject of proposed improvements or extensions to its water supply system, due notice to be given to each member city or town at least ten days prior to the date for such hearing. No new city or town shall be admitted to membership in the district unless notice of the proposed addition has been given to each member city or town, and a public hearing after due notice has been held, and the commission has determined that the rate to be charged for water service and the cost of providing the service to the new member or members is to the advantage of the district as a whole.

The commission, before filing any proposal for a change in the rate per million gallons authorized by this section, shall give due notice to all member cities and towns of the proposed change and shall hold a public hearing thereon.

The state treasurer shall annually notify each town assessed under the provisions of this section and, except as otherwise provided by section twenty-six A, of section ten, of the amount of its assessment, and the same shall be paid by the town, water supply, water or fire and water district to the commonwealth as required by law and within the time therein prescribed.

SECTION 26A. (As amended by Section 7, Chapter 549, Acts of 1946.) Beginning with the year nineteen hundred and forty-six the state treasurer shall borrow on the credit of the commonwealth such sums as may be necessary each year to meet the balance, not met by the assessments authorized in sections ten and twenty-six, of the requirements for maintenance and operation, for miscellaneous interest, for any credits to member towns, for the sinking fund and for interest and principal payments on all bonds issued for the construction of the metropolitan water system, and on all bonds issued under the authorization of this section.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined

by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As Amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As Amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

FOSTER FURCOLO,  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1954

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Total
Arlington . . .	\$92,953 36	\$53,448 17	\$79,381 14n	\$225,782 67
Belmont . . .	82,667 04	42,980 15	55,284 72n	180,931 91
Boston . . .	3,313,909 84	1,121,114 70	139,890 34n	4,979,857 16
	—	—	404,942 28s	—
Braintree . . .	—	27,327 30	36,306 95s	63,634 25
Brookline . . .	160,003 60	113,185 60	116,440 59s	389,629 79
Cambridge . . .	—	154,027 96	221,554 57n	375,582 53
Canton . . .	—	8,701 77	11,616 09s	20,317 86
Chelsea . . .	117,170 44	42,063 29	66,682 67n	225,925 40
Cohasset . . .	—	598 71	—	598 71
Dedham . . .	—	23,711 98	30,147 08s	53,859 08
Dover . . .	—	4,121 77	—	4,121 77
Everett . . .	269,988 96	67,325 78	89,748 71n	427,063 45
Hingham . . .	—	14,848 70	—	14,848 70
Hull . . .	—	10,993 86	—	10,993 86
Lexington . . .	56,326 24	—	31,549 27n	87,875 51
Lynn . . .	—	124,841 06	—	124,841 06
Malden . . .	141,424 80	67,687 56	104,350 08n	313,463 34
Marblehead . . .	40,253 84	—	—	40,253 84
Medford . . .	127,737 44	75,592 29	115,786 75n	319,116 48
Melrose . . .	54,406 88	35,324 61	50,110 45n	139,841 94
Milton . . .	48,679 76	33,736 27	39,364 52s	121,780 55
Nahant . . .	8,411 20	4,234 98	—	12,646 18
Natick . . .	—	—	6,855 58s	6,855 58
Needham . . .	—	23,346 23	27,968 06s	51,314 29
Newton . . .	113,114 32	133,154 00	149,683 38s	395,951 70
Norwood . . .	—	—	28,509 00s	28,509 00
Quincy . . .	218,443 60	114,458 22	140,527 33s	473,429 15
Reading . . .	—	—	25,024 39n	25,024 39
Revere . . .	91,123 60	38,768 58	62,365 18n	192,257 36
Saugus . . .	29,783 04	16,945 55	—	46,728 59
Somerville . . .	298,130 48	110,971 90	175,581 40n	584,683 78
Stoneham . . .	43,889 92	14,635 97	22,864 46n	81,390 35
Stoughton . . .	—	—	15,999 09s	15,999 09
Swampscott . . .	32,467 20	19,446 17	—	51,913 37
Wakefield . . .	—	22,032 42	34,183 94n	56,216 36
Walpole . . .	—	—	16,420 68s	16,420 68
Waltham . . .	170,754 00	54,058 75	76,603 43s	301,416 18
Watertown . . .	103,060 48	48,189 00	60,950 63s	212,180 11
Wellesley . . .	—	35,455 84	38,737 88s	74,193 72
Weston . . .	—	8,945 07	—	8,945 07
Westwood . . .	—	7,190 55	—	7,190 55
Weymouth . . .	—	44,955 69	54,983 33s	99,939 02
Winchester . . .	13,956 72	27,016 16	32,909 25n	73,882 13
Winthrop . . .	50,720 80	22,861 85	34,513 86n	108,096 51
Woburn . . .	—	21,777 21	34,879 40n	56,656 61
	\$5,679,386 56*	\$2,790,055 67	\$2,632,717 38**	\$11,102,159 61

n — North System.

s — South System.

\* Does not include special assessments shown at bottom of page 8.

\*\* Does not include special assessment shown on page 19.

**METROPOLITAN WATER DISTRICT**  
**METROPOLITAN WATER DEBT**

Under Metropolitan District Commission:

Gross and net debt June 30, 1954	
Bonds outstanding (serial) old series . . .	\$ 644,000 00
Bonds outstanding (serial) Water Use De-	
velopment Loan . . .	<u>28,130,000 00</u>
	<u>\$28,774,000 00</u>

Under Metropolitan District Water Supply Com-mission:

Gross and net debt, June 30, 1954	
Bonds outstanding (serial):	
Additional Water Loan . . . .	\$38,428,000 00
Water Main Loan, Act of 1949 . . . .	3,005,000 00
Water Loan, Act of 1950 . . . .	6,210,000 00
Water Loan, Act of 1952 . . . .	<u>1,205,000 00</u>
	<u>48,848,000 00</u>
Total net water debt June 30, 1954 . . . .	<u><u>\$77,622,000 00</u></u>

**METROPOLITAN WATER EXPENSES**

Serial Bonds:

Under Metropolitan District Commission . . .	\$ 1,118,000 00
Under Metropolitan District Water Supply	
Commission . . . .	<u>3,028,000 00</u>
	<u>\$ 4,146,000 00</u>

Interest:

Under Metropolitan District Commission:	
Six months on \$ 725,000 00	\$ 14,501 25
Six months on 644,000 00	12,880 00
One year on 22,585,000 00	373,202 50
Nine months,	
21 days on 5,545,000 00	<u>89,644 17</u>
	\$ 490,227 92

Under Metropolitan District Water Supply Commission:

Six months on \$39,715,000 00	\$426,138 75
Six months on 38,428,000 00	409,086 25
Six months on 3,120,000 00	26,520 00
Six months on 3,005,000 00	25,542 50
Six months on 6,395,000 00	59,410 00
Six months on 6,210,000 00	57,665 00
One year on 1,205,000 00	<u>24,100 00</u>
	1,028,462 50
	<u>10,815 61</u>
	<u>1,529,506 03</u>

On advances and temporary loans, estimated, 1954, and adjustment of 1953 interest charges

Total interest . . . .	
	<u>1,529,506 03</u>
	<u>2,729,316 17</u>
	<u>\$ 8,404,822 20</u>

Maintenance as appropriated by the Legislature

Total Expenses

Assessment at \$80.00 per million gallons consumed

Less:

Brookline credit for water supply works

## METROPOLITAN WATER ASSESSMENTS FOR 1954

CITIES AND TOWNS IN DISTRICT	Total Consumption for 1953 in million gallons	1954 Charge at \$80 per million gallons (Chap. 618, Acts of 1953)	Proportion for computing share of Debt
Arlington	1,161.917	\$ 92,953 36	.016367
Belmont	1,033.338	82,667 04	.014556
Boston	41,423.873	3,313,909 84	.583498
Brookline	2,000.045	160,003 60	.028173
Cambridge <sup>1</sup>			—
Chelsea	1,464.743	117,179 44	.020632
Everett	3,374.862	269,988 96	.047538
Lexington	704.078	56,326 24	.009918
Malden	1,767.810	141,424 80	.024901
Marblehead	503.173	40,253 84	.007088
Medford	1,596.718	127,737 44	.022491
Melrose	680.086	54,406 88	.009580
Milton	608.497	48,679 76	.008571
Nahant	105.140	8,411 20	.001481
Newton <sup>2</sup>	1,413.929	113,114 32	.019917
Quincy	2,730.545	218,443 60	.038463
Revere	1,139.045	91,123 60	.016045
Saugus	372.288	29,783 04	.005244
Somerville	3,726.631	298,130 48	.052493
Stoneham	548.624	43,889 92	.007728
Swampscott	405.840	32,467 20	.005717
Waltham	2,134.425	170,754 00	.030065
Watertown	1,288.256	103,060 48	.013146
Winchester <sup>3</sup>	174.459	13,956 72	.002457
Winthrop	634.010	50,720 80	.008931
	70,992.332	\$5,679,386 56	1.000000

<sup>1</sup> No water taken from Metropolitan sources during 1953.<sup>2</sup> Partial supply only.<sup>3</sup> Area served undetermined.

NOTE: Not included in above: Assessment against Saugus for cost of water connection, second installment, \$11,940.48. Credit to Brookline for property acquired, second of twenty-five, \$1,564.36.

**COMPARISON OF ASSESSMENTS, 1953 AND 1954 WITH REVENUE  
FROM WATER RATES IN 1953**

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns, 1953
	1953	1954	
Arlington . . . . .	\$ 47,908 56	\$ 92,953 36	\$ 230,520 80
Belmont . . . . .	34,788 00	82,667 04	185,673 61 a
Boston . . . . .	1,672,698 32	3,313,909 84	4,986,337 76
Brookline . . . . .	80,190 32	160,003 60	457,406 82
Cambridge . . . . .	16,057 68	—	1,077,111 06
Chelsea . . . . .	56,052 56	117,179 44	215,903 18 ab
Everett . . . . .	125,529 64	269,988 96	550,481 55 a
Lexington . . . . .	28,829 56	56,326 24	145,080 73
Malden . . . . .	73,282 48	141,424 80	311,335 64
Marblehead . . . . .	20,438 20	40,253 84	154,863 45 a
Medford . . . . .	61,224 32	127,737 44	304,559 13 a
Melrose . . . . .	25,042 28	54,406 88	124,897 49 ab
Milton . . . . .	22,686 44	48,679 76	210,122 84 ab
Nahant . . . . .	3,825 76	8,411 20	22,368 59
Newton . . . . .	41,139 20	113,114 32	588,757 69
Quincy . . . . .	104,217 92	218,443 60	564,088 87
Revere . . . . .	42,594 96	91,123 60	150,390 43
Saugus . . . . .	16,784 12	29,783 04	87,003 73 ab
Somerville . . . . .	147,983 20	298,130 48	498,372 84
Stoneham . . . . .	21,292 84	43,889 92	96,782 38 a
Swampscott . . . . .	20,776 84	32,467 20	92,460 94 ab
Waltham . . . . .	77,496 40	170,754 00	387,838 07 ab
Watertown . . . . .	50,099 20	103,060 48	256,391 59 a
Winchester . . . . .	5,240 44	13,956 72	97,419 32
Winthrop . . . . .	25,155 20	50,720 80	111,110 57 ab
	\$2,819,334 44	\$5,679,386 56	\$11,887,279 08

a Includes money received from municipal departments.

b Includes money received from hydrant rentals.

**METROPOLITAN PARKS DISTRICT**  
**METROPOLITAN PARKS DEBT**

Gross (and net) Parks debt June 30, 1954		
Bonds outstanding (serial)	\$2,000 00	
Gross (and net) Parks, Series Two-Boulevards debt June 30, 1954		
Bonds outstanding (serial) (one-half)	7,000 00	
Total Metropolitan Parks debt June 30, 1954		<u>\$ 9,000 00</u>

**METROLPOLITAN PARKS AND CHARLES RIVER BASIN EXPENSES**

**Serial Bonds:**

Parks		\$1,000 00	
Parks, Series Two		<u>3,500 00</u>	
			<u>\$ 4,500 00</u>

**Interest:**

Parks			
Six months on	\$3,000 00	\$60 00	
Six months on	2,000 00	<u>40 00</u>	\$100 00
On advances and adjustment of 1953 interest charges			350 00
Parks, Series Two			
Six months on	\$13,000 00	\$260 00	
Six months on	7,000 00	<u>140 00</u>	400 00
Charles River Basin			
Six months on	1,000 00	<u>20 00*</u>	870 00
Maintenance as appropriated by the Legislature			2,784,685 67
Total Parks expenses to be assessed			<u>\$2,790,055 67</u>

\* Final payment on this account. Charles River Basin debt liquidated in full.

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements**  
**Determined by the Metropolitan District Commission**

CITIES AND TOWNS	Valuation (Chap. 559 Acts 1945)	Valuation Per Cent (Note 1)	Population 1950 Census	Population Per Cent	Average Per Cent (Note 2) Ch. 554, Acts 1949
Arlington . . .	\$ 63,327,779	.018010	44,353	.021468	.019163
Belmont . . .	57,954,895	.016482	27,381	.013253	.015406
Boston . . .	1,437,779,078	.408885	801,444	.387926	.401898
Braintree . . .	31,968,400	.009091	23,161	.011211	.009798
Brookline . . .	164,949,098	.046909	57,589	.027875	.040564
Cambridge . . .	188,515,872	.053611	120,740	.058442	.055221
Canton . . .	10,101,349	.002873	7,465	.003613	.003120
Chelsea . . .	46,441,609	.013207	38,912	.018835	.015083
Dedham . . .	29,105,423	.008277	18,487	.008948	.008501
Dover . . .	6,325,116	.001799	1,722	.000834	.001477
Everett . . .	88,165,414	.025073	45,982	.022257	.024134
Hingham . . .	18,999,428	.005403	10,665	.005162	.005323
Hull . . .	17,900,393	.005091	3,379	.001636	.003939
Lynn . . .	151,194,710	.042998	99,738	.048277	.044758
Malden . . .	77,119,332	.021932	59,804	.028947	.024270
Medford . . .	86,696,291	.024655	66,113	.032001	.027104
Melrose . . .	43,827,859	.012464	26,988	.013063	.012664
Milton . . .	44,725,770	.012719	22,395	.010840	.012093
Nahant . . .	5,722,850	.001628	2,679	.001297	.001518
Needham . . .	30,261,434	.008606	16,313	.007896	.008369
Newton . . .	181,961,300	.051747	81,994	.039688	.047727
Quincy . . .	145,077,833	.041258	83,835	.040579	.041032
Revere . . .	42,040,213	.011956	36,763	.017795	.013902
Saugus . . .	17,446,731	.004962	17,162	.008307	.006077
Somerville . . .	122,784,622	.034918	102,351	.049541	.039792
Stoneham . . .	16,420,347	.004670	13,229	.006403	.005248
Swampscott . . .	26,905,763	.007652	11,580	.005605	.006970
Wakefield . . .	24,960,810	.007099	19,633	.009503	.007900
Waltham . . .	62,078,958	.017654	47,187	.022840	.019383
Watertown . . .	59,318,707	.016870	37,329	.018068	.017269
Wellesley . . .	49,542,385	.014089	20,549	.009946	.012708
Weston . . .	12,634,820	.003593	5,026	.002433	.003206
Westwood . . .	8,630,467	.002454	5,837	.002825	.002578
Weymouth . . .	57,187,043	.016263	32,690	.015823	.016116
Winchester . . .	37,874,919	.010771	15,509	.007507	.009683
Winthrop . . .	26,644,419	.007577	19,496	.009437	.008197
Woburn . . .	23,747,647	.006754	20,492	.009919	.007809
	\$3,516,339,084	1,000000	2,065,972	1,000000	1,000000
Cohasset (Note 3) . . .	11,063,194	.003136	3,731	.001803	.000215
	\$3,527,402,278		2,069,703		

Note 1. Serial bonds and interest.

Note 2. Maintenance.

Note 3. Nantasket maintenance (8% of its proportion).

## METROPOLITAN PARKS DISTRICT

*Serial Bond Assessments*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$ 18 01	\$ 63 04	\$ 81 05
Belmont . . . . .	16 48	57 69	74 17
Boston . . . . .	408 89	1,431 10	1,839 99
Braintree . . . . .	9 09	31 82	40 91
Brookline . . . . .	46 91	164 18	211 09
Cambridge . . . . .	53 61	187 64	241 25
Canton . . . . .	2 87	10 05	12 92
Chelsea . . . . .	13 21	46 22	59 43
Dedham . . . . .	8 28	28 97	37 25
Dover . . . . .	1 80	6 30	8 10
Everett . . . . .	25 07	87 75	112 82
Hingham . . . . .	5 40	18 91	24 31
Hull . . . . .	5 09	17 82	22 91
Lynn . . . . .	43 00	150 49	193 49
Malden . . . . .	21 93	76 76	98 69
Medford . . . . .	24 66	86 29	110 95
Melrose . . . . .	12 46	43 62	56 08
Milton . . . . .	12 73	44 52	57 25
Nahant . . . . .	1 63	5 70	7 33
Needham . . . . .	8 61	30 12	38 73
Newton . . . . .	51 75	181 11	232 86
Quincy . . . . .	41 26	144 40	185 66
Revere . . . . .	11 95	41 85	53 80
Saugus . . . . .	4 96	17 37	22 33
Somerville . . . . .	34 92	122 21	157 13
Stoneham . . . . .	4 67	16 35	21 02
Swampscott . . . . .	7 65	26 78	34 43
Wakefield . . . . .	7 10	24 85	31 95
Waltham . . . . .	17 65	61 79	79 44
Watertown . . . . .	16 87	59 05	75 92
Wellesley . . . . .	14 09	49 31	63 40
Weston . . . . .	3 59	12 57	16 16
Westwood . . . . .	2 45	8 59	11 04
Weymouth . . . . .	16 26	56 92	73 18
Winchester . . . . .	10 77	37 70	48 47
Winthrop . . . . .	7 58	26 52	34 10
Woburn . . . . .	6 75	23 64	30 39
	\$1,000 00	\$3,500 00	\$4,500 00

## METROPOLITAN PARKS DISTRICT

*Interest Assessments*

CITIES AND TOWNS	Parks	Boulevards	Charles River Basin	Total
Arlington . . . . .	\$ 8 10	\$ 7 20	\$ 0 36	\$ 15 66
Belmont . . . . .	7 42	6 59	33	14 34
Boston . . . . .	184 00	163 55	8 18	355 73
Braintree . . . . .	4 09	3 64	18	7 91
Brookline . . . . .	21 11	18 76	94	40 81
Cambridge . . . . .	24 13	21 44	1 07	46 64
Canton . . . . .	1 29	1 15	06	2 50
Chelsea . . . . .	5 94	5 28	26	11 48
Dedham . . . . .	3 73	3 31	17	7 21
Dover . . . . .	81	72	04	1 57
Everett . . . . .	11 28	10 03	50	21 81
Hingham . . . . .	2 43	2 16	11	4 70
Hull . . . . .	2 29	2 04	10	4 43
Lynn . . . . .	19 35	17 20	86	37 41
Malden . . . . .	9 87	8 77	44	19 08
Medford . . . . .	11 10	9 86	49	21 45
Melrose . . . . .	5 61	4 99	25	10 85
Milton . . . . .	5 72	5 09	25	11 06
Nahant . . . . .	73	65	03	1 41
Needham . . . . .	3 87	3 44	17	7 48
Newton . . . . .	23 29	20 70	1 03	45 02
Quincy . . . . .	18 57	16 50	83	35 90
Revere . . . . .	5 38	4 78	24	10 40
Saugus . . . . .	2 23	1 99	10	4 32
Somerville . . . . .	15 71	13 97	70	30 38
Stoneham . . . . .	2 10	1 87	09	4 06
Swampscott . . . . .	3 44	3 06	15	6 65
Wakefield . . . . .	3 20	2 84	14	6 18
Waltham . . . . .	7 94	7 06	35	15 35
Watertown . . . . .	7 59	6 75	34	14 68
Wellesley . . . . .	6 34	5 64	28	12 26
Weston . . . . .	1 62	1 44	07	3 13
Westwood . . . . .	1 10	98	05	2 13
Weymouth . . . . .	7 32	6 51	33	14 16
Winchester . . . . .	4 85	4 31	22	9 38
Winthrop . . . . .	3 41	3 03	15	6 59
Woburn . . . . .	3 04	2 70	14	5 88
	<hr/> \$450 00	<hr/> \$400 00	<hr/> \$20 00	<hr/> \$870 00

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Total Assessments and Grand Total*

CITIES AND TOWNS	Total	Total	Total	Grand
	Serial Bonds	Interest	Maintenance	Totals
Arlington . . . . .	\$ 81 05	\$ 15 66	\$ 53,351 46	\$ 53,448 17
Belmont . . . . .	74 17	14 34	42,891 64	42,980 15
Boston . . . . .	1,839 99	355 73	1,118,918 98	1,121,114 70
Braintree . . . . .	40 91	7 91	27,278 43	27,327 30
Brookline . . . . .	211 09	40 81	112,933 70	113,185 60
Cambridge . . . . .	241 25	46 64	153,749 07	154,027 96
Canton . . . . .	12 92	2 50	8,686 35	8,701 77
Chelsea . . . . .	59 43	11 48	41,992 38	42,063 29
Cohasset . . . . .	—	—	598 71	598 71
Dedham . . . . .	37 25	7 21	23,667 52	23,711 98
Dover . . . . .	8 10	1 57	4,112 10	4,121 77
Everett . . . . .	112 82	21 81	67,191 15	67,325 78
Hingham . . . . .	24 31	4 70	14,819 69	14,848 70
Hull . . . . .	22 91	4 43	10,966 52	10,993 88
Lynn . . . . .	193 49	37 41	124,610 16	124,841 06
Malden . . . . .	98 69	19 08	67,569 79	67,687 53
Medford . . . . .	110 95	21 45	75,459 89	75,592 29
Melrose . . . . .	56 08	10 85	35,257 68	35,324 61
Milton . . . . .	57 25	11 06	33,667 93	33,736 27
Nahant . . . . .	7 33	1 41	4,223 24	4,234 98
Needham . . . . .	38 73	7 48	23,300 02	23,346 23
Newton . . . . .	232 86	45 02	132,876 12	133,154 00
Quincy . . . . .	185 66	35 00	114,236 66	114,458 22
Revere . . . . .	53 80	10 40	38,704 38	38,768 58
Saugus . . . . .	22 33	4 32	16,918 90	16,945 55
Somerville . . . . .	157 13	30 33	110,784 39	110,971 90
Stoneham . . . . .	21 02	4 06	14,610 89	14,635 97
Swampscott . . . . .	34 43	6 65	19,405 09	19,446 17
Wakefield . . . . .	31 95	6 18	21,994 29	22,032 42
Waltham . . . . .	79 44	15 35	53,063 96	54,058 75
Watertown . . . . .	75 92	14 68	48,078 40	48,169 00
Wellesley . . . . .	63 40	12 26	35,380 18	35,455 84
Weston . . . . .	16 16	3 13	8,925 78	8,945 07
Westwood . . . . .	11 04	2 13	7,177 38	7,190 55
Weymouth . . . . .	73 18	14 16	44,868 35	44,955 60
Winchester . . . . .	48 47	9 33	26,958 31	27,016 16
Winthrop . . . . .	34 10	6 59	22,821 16	22,861 85
Woburn . . . . .	30 39	5 88	21,740 94	21,777 21
	<hr/> \$4,500 00	<hr/> \$870 00	<hr/> \$2,781,685 67	<hr/> \$2,790,055 67

39% of maintenance of Parks, Boulevards and Charles River Basin beginning in 1950, Chapter 554, Acts of 1949, charged to Metropolitan Parks District on percentages shown on page 11.

## METROPOLITAN PARKS AND SEWERAGE DISTRICTS

*Comparison of Assessments 1953 and 1954*

CITIES AND TOWNS	Parks		Sewerage	
	1953	1954	1953	1954
Arlington . . . . .	\$ 57,746 01	\$ 53,448 17	\$ 92,487 65	\$ 79,381 14
Belmont . . . . .	46,452 01	42,980 15	63,470 76	55,284 72
Boston . . . . .	1,211,510 42	1,121,114 70	594,228 80	544,832 62
Braintree . . . . .	29,523 79	27,327 30	38,384 28	36,306 95
Brookline . . . . .	122,356 21	113,185 60	121,331 52	116,440 59
Cambridge . . . . .	166,427 02	154,027 96	257,335 50	221,554 57
Canton . . . . .	9,401 03	8,701 77	12,304 98	11,616 09
Chelsea . . . . .	45,438 03	42,063 29	78,145 35	66,682 67
Cohasset . . . . .	645 26	598 71	—	—
Dedham . . . . .	25,620 94	23,711 98	31,767 65	30,147 08
Dover . . . . .	4,456 43	4,121 77	—	—
Everett . . . . .	72,758 38	67,325 78	103,441 67	89,748 71
Framingham . . . . .	—	—	12,094 54	—
Hingham . . . . .	16,045 86	14,848 70	—	—
Hull . . . . .	11,888 83	10,993 86	—	—
Lexington . . . . .	—	—	36,680 30	31,549 27
Lynn . . . . .	134,887 04	124,841 06	—	—
Malden . . . . .	73,123 48	67,687 56	121,993 24	104,350 98
Medford . . . . .	81,664 31	75,592 29	135,284 83	115,786 75
Melrose . . . . .	38,169 52	35,324 61	58,118 35	50,110 45
Milton . . . . .	36,459 72	33,736 27	41,328 74	39,364 52
Nahant . . . . .	4,577 11	4,234 98	—	—
Natick . . . . .	—	—	6,793 36	6,855 58*
Needham . . . . .	25,229 38	23,346 23	29,386 17	27,968 06
Newton . . . . .	143,915 37	133,154 00	156,842 46	149,683 38
Norwood . . . . .	—	—	29,959 74	28,509 00
Quincy . . . . .	123,683 17	114,458 22	147,953 71	140,527 33
Reading . . . . .	—	—	29,163 76	25,024 39
Revere . . . . .	41,877 27	38,768 58	73,181 17	62,365 18
Saugus . . . . .	18,302 25	16,945 55	—	—
Somerville . . . . .	119,875 76	110,971 90	205,733 47	175,581 40
Stoneham . . . . .	15,810 79	14,635 97	26,764 09	22,864 46
Stoughton . . . . .	—	—	17,043 83	15,999 09
Swampscott . . . . .	21,018 54	19,446 17	—	—
Wakefield . . . . .	23,801 49	22,032 42	39,979 53	34,183 94
Walpole . . . . .	—	—	17,207 03	16,420 68
Waltham . . . . .	58,401 25	54,058 75	81,162 03	76,603 43
Watertown . . . . .	52,047 36	48,169 00	64,305 22	60,950 63
Wellesley . . . . .	38,323 78	35,455 84	40,518 29	38,737 88
Weston . . . . .	9,668 93	8,945 07	—	—
Westwood . . . . .	7,768 99	7,190 55	—	—
Weymouth . . . . .	48,579 42	44,955 69	57,884 94	54,983 33
Winchester . . . . .	29,201 72	27,016 16	37,557 95	32,909 25
Winthrop . . . . .	24,699 21	22,861 85	40,272 32	34,513 86
Woburn . . . . .	23,523 72	21,777 21	40,914 81	34,879 40
	\$3,014,879 80	\$2,790,055 67	\$2,941,022 04	\$2,632,717 38

\*Does not include special assessment shown on page 19.

METROPOLITAN SEWERAGE DISTRICT  
 METROPOLITAN SEWERAGE, NORTH SYSTEM, DEBT

Gross (and net) debt June 30, 1954

Bonds outstanding (serial) . . . . .	\$ 2,012,000 00
Bonds outstanding (serial) Act of 1951 . . . . .	<u>12,500,000 00</u>
	<u><u>\$14,512,000 00</u></u>

METROPOLITAN SEWERAGE, NORTH SYSTEM, EXPENSES

Serial Bonds . . . . .	\$313,000 00
Interest:	
One year on     \$ 922,000 00     \$15,930 00	
Six months on    1,258,000 00     9,635 00	
Six months on    1,090,000 00     8,362 50	
	\$33 927 50
On advances and temporary loans, estimated, 1954, and adjustment of interest 1953 . . . . .	<u>9,100 00</u>
	43,027 50
Maintenance as appropriated by the Legislature . . . . .	1,020,633 98
Total Metropolitan Sewerage, North System, expenses to be assessed . . . . .	<u><u>\$1,376,661 48</u></u>

## METROPOLITAN SEWERAGE DISTRICT — NORTH SYSTEM

*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)	Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
Arlington . . . . .	\$ 63,327,779	5.87	44,353	5.73
Belmont . . . . .	57,954,895	5.38	27,381	3.54
Boston Charlestown and East Boston .	85,537,810	7.93	84,628	10.94
Cambridge . . . . .	188,515,872	17.48	120,740	15.61
Chelsea . . . . .	46,441,609	4.31	38,912	5.03
Everett . . . . .	88,165,414	8.18	45,982	5.94
Lexington . . . . .	26,354,606	2.44	17,335	2.24
Malden . . . . .	77,119,332	7.15	59,804	7.73
Medford . . . . .	86,696,291	8.04	66,113	8.54
Melrose . . . . .	43,827,859	4.07	26,988	3.40
Reading . . . . .	19,856,099	1.84	14,006	1.81
Revere . . . . .	42,040,213	3.90	36,763	4.75
Somerville . . . . .	122,784,622	11.39	102,351	13.23
Stoneham . . . . .	16,420,347	1.52	13,229	1.71
Wakefield . . . . .	24,960,810	2.32	19,633	2.54
Winchester . . . . .	37,874,919	3.51	15,509	2.00
Winthrop . . . . .	26,644,419	2.47	19,496	2.52
Woburn . . . . .	23,747,647	2.20	20,492	2.65
	<hr/> <b>\$1,078,270,543</b>	<hr/> <b>100.00</b>	<hr/> <b>773,715</b>	<hr/> <b>100.00</b>

## METROPOLITAN SEWERAGE DISTRICT — NORTH SYSTEM

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$18,373 10	\$2,525 71	\$58,482 33	\$79,381 14
Belmont . . . . .	16,839 40	2,314 88	36,130 44	55,284 72
Boston Charlestown and East Boston .	24,820 90	3,412 08	111,657 36	139,890 34
Cambridge . . . . .	54,712 40	7,521 21	159,320 96	221,554 57
Chelsea . . . . .	13,490 30	1,854 48	51,337 89	66,682 67
Everett . . . . .	25,603 40	3,519 65	60,625 66	89,748 71
Lexington . . . . .	7,637 20	1,049 87	22,862 20	31,549 27
Malden . . . . .	22,379 50	3,076 47	78,895 01	104,350 98
Medford . . . . .	25,165 20	3,459 41	87,162 14	115,786 75
Melrose . . . . .	12,739 10	1,751 22	35,620 13	50,110 45
Reading . . . . .	5,759 20	791 71	18,473 48	25,024 39
Revere . . . . .	12,207 00	1,678 07	48,480 11	62,365 18
Somerville . . . . .	35,650 70	4,900 83	135,029 87	175,581 40
Stoneham . . . . .	4,757 60	654 02	17,452 84	22,864 46
Wakefield . . . . .	7,261 60	998 24	25,924 10	34,183 94
Winchester . . . . .	10,986 30	1,510 27	20,412 68	32,909 25
Winthrop . . . . .	7,731 10	1,062 78	25,719 98	34,513 86
Woburn . . . . .	6,886 00	946 60	27,046 80	34,879 40
	<hr/> <b>\$313,000 00</b>	<hr/> <b>\$43,027 50</b>	<hr/> <b>\$1,020,633 98</b>	<hr/> <b>\$1,376,661 48</b>

METROPOLITAN SEWERAGE DISTRICT  
 METROPOLITAN SEWERAGE, SOUTH SYSTEM, DEBT

Gross (and net) debt June 30, 1954

Bonds outstanding (serial) . . . . .	\$4,284,000 00
Bonds outstanding (serial) Act of 1951 . . . . .	<u>1,500,000 00</u>
	<u><u>\$5,784,000 00</u></u>

METROPOLITAN SEWERAGE, SOUTH SYSTEM, EXPENSES

Serial Bonds . . . . .	\$314,000 00
Interest:	
One year on     \$3,159,000 00     \$43,945 00	
Six months on    1,200,000 00     9,600 00	
Six months on    1,125,000 00 <u>9,000 00</u>	
	<u>\$62,545 00</u>
On advances and temporary loans, estimated 1954, and adjustment of interest charges in 1953 . . . . .	<u>8,600 00</u>
	71,145 00
Maintenance as appropriated by the Legislature	
Total Metropolitan Sewerage, South System, ex- penses to be assessed . . . . .	<u><u>870,910 90</u></u>
	<u><u>\$1,256,055 90</u></u>

## METROPOLITAN SEWERAGE DISTRICT — SOUTH SYSTEM

*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)	Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
<b>Boston:</b>				
All of Brighton and Hyde Park and parts of Roxbury, West Roxbury and Dorchester . . .	\$ 312,015,921	24.73	269,862	35.56
Braintree . . . . .	31,968,400	2.53	23,161	3.05
Brookline . . . . .	164,949,098	13.07	57,589	7.59
Canton . . . . .	10,101,349	0.80	7,465	0.98
Dedham . . . . .	29,105,423	2.31	18,487	2.44
Framingham . . . . .	*	—	†	—
Milton . . . . .	44,725,770	3.55	22,395	2.95
Natick . . . . .	22,482,880	1.78	†	—
Needham . . . . .	30,261,434	2.40	16,313	2.15
Newton . . . . .	181,961,300	14.42	81,994	10.81
Norwood . . . . .	30,838,574	2.45	16,636	2.19
Quincy . . . . .	145,077,533	11.50	83,835	11.05
Stoughton . . . . .	10,505,378	0.83	11,146	1.47
Walpole . . . . .	19,489,960	1.55	9,109	1.20
Waltham . . . . .	62,075,958	4.92	†50,255	6.62
Watertown . . . . .	59,318,707	4.70	37,329	4.92
Wellesley . . . . .	49,542,385	3.93	20,549	2.71
Weymouth . . . . .	57,187,043	4.53	32,690	4.31
	<hr/>	<hr/>	<hr/>	<hr/>
	\$1,261,610,413	100.00	758,815	100.00

\* No charges until connection is available. (See Chapter 456, Acts of 1954.)

† No maintenance charges until connection is available.

‡ Including 3068 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chapter 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
<b>Boston:</b>				
All of Brighton and Hyde Park and parts of Roxbury, West Roxbury and Dorchester . . .	\$ 77,652 20	\$17,594 16	\$309,695 92	\$404,942 28
Braintree . . . . .	7,944 20	1,799 97	26,562 78	36,306 95
Brookline . . . . .	41,939 80	9,298 65	66,102 14	116,440 59
Canton . . . . .	2,512 00	569 16	8,534 93	11,616 09
Dedham . . . . .	7,253 40	1,613 45	21,250 23	30,147 08
Framingham . . . . .	*	*	*	*
Milton . . . . .	11,147 00	2,525 65	25,691 87	39,364 52
Natick . . . . .	5,589 20	1,266 38	*	6,855 58
Needham . . . . .	7,536 00	1,707 48	18,724 58	27,968 06
Newton . . . . .	45,278 80	10,259 11	94,145 47	149,683 38
Norwood . . . . .	7,693 00	1,743 05	19,072 95	28,509 00
Quincy . . . . .	36,110 00	8,181 68	96,235 65	140,527 33
Stoughton . . . . .	2,606 20	590 50	12,802 39	15,999 09
Walpole . . . . .	4,867 00	1,102 75	10,450 93	16,420 68
Waltham . . . . .	15,448 80	3,500 33	57,654 30	76,603 43
Watertown . . . . .	14,758 00	3,343 81	42,848 82	60,950 63
Wellesley . . . . .	12,340 20	2,796 00	23,601 68	38,737 88
Weymouth . . . . .	14,224 20	3,222 87	37,536 28	54,983 33
	<hr/>	<hr/>	<hr/>	<hr/>
	\$314,000 00	\$71,145 00	\$870,910 90	\$1,256,055 90
Natick is also assessed under Chapter 508, Acts of 1951		First assessment	.	25,252 66
				<hr/>
				\$1,281,308 56

\* No charge until connection is available.

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Net Debt June 30, 1954	\$2,000 00	\$7,000 00	\$14,512,000 00
1 Arlington . . . . .	36 02	126 07	851,854 40
2 Belmont . . . . .	32 96	115 37	780,745 60
3 Boston . . . . .	817 77	2,862 20	1,150,801 60
4 Braintree . . . . .	18 18	63 64	—
5 Brookline . . . . .	93 82	328 36	—
6 Cambridge . . . . .	107 22	375 28	2,536,697 60
7 Canton . . . . .	5 74	20 11	—
8 Chelsea . . . . .	26 41	92 45	625,467 20
9 Dedham . . . . .	16 55	57 94	—
10 Dover . . . . .	3 60	12 59	—
11 Everett . . . . .	50 15	175 51	1,187,081 60
12 Hingham . . . . .	10 81	37 82	—
13 Hull . . . . .	10 18	35 64	—
14 Lexington . . . . .	—	—	354,092 80
15 Lynn . . . . .	86 00	300 99	—
16 Malden . . . . .	43 86	153 52	1,037,608 00
17 Marblehead . . . . .	—	—	—
18 Medford . . . . .	49 31	172 58	1,166,764 80
19 Melrose . . . . .	24 93	87 25	590,638 40
20 Milton . . . . .	25 44	89 03	—
21 Nahant . . . . .	3 26	11 40	—
22 Natick . . . . .	—	—	—
23 Needham . . . . .	17 21	60 24	—
24 Newton . . . . .	103 49	362 23	—
25 Norwood . . . . .	—	—	—
26 Quincy . . . . .	82 52	288 81	—
27 Reading . . . . .	—	—	267,020 80
28 Revere . . . . .	23 91	83 69	565,968 00
29 Saugus . . . . .	9 92	34 73	—
30 Somerville . . . . .	69 84	244 43	1,652,916 80
31 Stoneham . . . . .	9 34	32 69	220,582 40
32 Stoughton . . . . .	—	—	—
33 Swampscott . . . . .	15 30	53 56	—
34 Wakefield . . . . .	14 20	49 69	336,678 40
35 Walpole . . . . .	—	—	—
36 Waltham . . . . .	35 31	123 58	—
37 Watertown . . . . .	33 74	118 09	—
38 Wellesley . . . . .	28 18	98 62	—
39 Weston . . . . .	7 19	25 15	—
40 Westwood . . . . .	4 91	17 18	—
41 Weymouth . . . . .	32 53	113 84	—
42 Winchester . . . . .	21 54	75 40	509,371 20
43 Winthrop . . . . .	15 15	53 04	358,446 40
44 Woburn . . . . .	13 51	47 28	319,264 00
	\$2,000 00	\$7,000 00	\$14,512,000 00

JUNE 30, 1954 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Total	
\$5,784,000 00	\$77,622,000 00	\$97,927,000 00	
—	1,270,439 27	2,122,455 76	Arlington 1
—	1,129,865 83	1,910,759 76	Belmont 2
1,430,383 20	45,292,281 76	47,877,146 53	Boston 3
146,335 20	—	146,417 02	Braintree 4
755,968 80	2,186,844 61	2,943,235 59	Brookline 5
—	—	2,537,180 10	Cambridge 6
46,272 00	—	46,297 85	Canton 7
—	1,601,497 10	2,227,083 16	Chelsea 8
133,610 40	—	133,684 89	Dedham 9
—	—	16 19	Dover 10
—	3,889,994 64	4,877,301 90	Everett 11
—	—	48 63	Hingham 12
—	—	45 82	Hull 13
—	769,855 00	1,123,947 80	Lexington 14
—	—	386 99	Lynn 15
—	1,932,865 42	2,970,670 80	Malden 16
—	550,184 74	550,184 74	Marblehead 17
—	1,745,796 40	2,912,783 09	Medford 18
—	743,618 76	1,334,369 34	Melrose 19
205,332 00	665,298 16	870,744 63	Milton 20
—	114,958 18	114,972 84	Nahant 21
102,955 20	—	102,955 20	Natick 22
138,816 00	—	138,893 45	Needham 23
834,052 80	1,545,997 37	2,380,515 89	Newton 24
141,708 00	—	141,708 00	Norwood 25
665,160 00	2,985,574 99	3,651,106 32	Quincy 26
—	—	267,020 80	Reading 27
—	1,245,444 99	1,811,520 59	Revere 28
—	407,049 77	407,094 42	Saugus 29
—	4,074,611 65	5,727,842 72	Somerville 30
—	599,862 82	820,487 25	Stoneham 31
48,007 20	—	48,007 20	Stoughton 32
—	443,764 97	443,833 83	Swampscott 33
—	—	336,742 29	Wakefield 34
89,652 00	—	89,652 00	Walpole 35
284,572 80	2,333,705 43	2,618,437 12	Waltham 36
271,548 00	1,408,528 81	1,680,528 64	Watertown 37
227,311 20	—	227,438 00	Wellesley 38
—	—	32 34	Weston 39
—	—	22 09	Westwood 40
262,015 20	—	262,161 57	Weymouth 41
—	190,717 25	700,185 39	Winchester 42
—	693,242 08	1,051,756 67	Winthrop 43
—	—	319,324 79	Woburn 44
\$5,784,000 00	\$77,622,000 00	\$97,927,000 00	







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The Commonwealth of Massachusetts

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1955

# ASSESSMENTS FOR INTEREST, SERIAL BONDS AND MAINTENANCE OF THE METROPOLITAN DISTRICTS

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Compiled in the Office of  
JOHN F. KENNEDY  
TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1955

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds and maintenance for 1955, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1954, bonds have been issued as follows:

Metropolitan Water District—Water Use Development Loan . . . . .	\$2,727,000
Metropolitan Water District: Clinton Sewage Loan, Act of 1954 . . . . .	650,000
Metropolitan Sewerage Loan—North System . . . . .	1,400,000
Metropolitan Sewerage Loan, North District, Act of 1951 . . . . .	1,100,000
Metropolitan Sewerage Loan—South System . . . . .	2,000,000
Metropolitan District Sewerage Loan, Act of 1951 . . . . .	2,000,000
Metropolitan District Sewerage Second Loan, Act of 1951 . . . . .	1,750,000
Metropolitan District Sewerage Loan, Act of 1953 . . . . .	1,000,000

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## METROPOLITAN WATER

SECTION 26. (As amended by Chapter 618 of the Acts of 1953.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of eighty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year; (b) In the case of each city or town that

joined, or commenced to take its entire supply from, the district during the previous year, an additional amount equal to said rate times the quantity furnished it by the district in that year and not certified by the commission to have been already covered by previous payments; and (c) In the case of each member city and town that has not so commenced and of each eligible non-member city or town, or water company, or water supply, water, fire or fire and water district, located within such city or town, an amount equal to said rate times the quantity furnished it by the district in the previous year. The commission shall certify to the state treasurer the information as to dates and quantities of water consumed necessary to determine such assessments.

The commission shall, on or before March first of each year, submit to the officials of the member cities and towns a statement indicating the amount of water sold to all municipalities and the revenue received for the same during the previous calendar year. The commission shall also submit a statement indicating the total outstanding indebtedness at the end of the previous year and the total expenditures for the previous year for maintenance and operation of the system, debt service and capital improvements.

The commission shall, on or before October first of each year, submit to the officials of the member cities and towns a statement indicating the unexpended balance of funds previously appropriated or authorized to be used in connection with improvements or extensions to its water supply system and a statement indicating the amounts which the commission deems to be required for similar improvements during the succeeding fiscal year.

On or before November first of each year, the commission shall hold a public hearing on the subject of proposed improvements or extensions to its water supply system, due notice to be given to each member city or town at least ten days prior to the date for such hearing. No new city or town shall be admitted to membership in the district unless notice of the proposed addition has been given to each member city or town, and a public hearing after due notice has been held, and the commission has determined that the rate to be charged for water service and the cost of providing the service to the new member or members is to the advantage of the district as a whole.

The commission, before filing any proposal for a change in the rate per million gallons authorized by this section, shall give due notice to all member cities and towns of the proposed change and shall hold a public hearing thereon.

The state treasurer shall annually notify each town assessed under the provisions of this section and, except as otherwise provided by section twenty-six A, of section ten, of the amount of its assessment, and the same shall be paid by the town, water supply, water or fire and water district to the commonwealth as required by law and within the time therein prescribed.

**SECTION 26A.** (As amended by Section 7, Chapter 549, Acts of 1946.) Beginning with the year nineteen hundred and forty-six the state treasurer shall borrow on the credit of the commonwealth such sums as may be necessary each year to meet the balance, not met by the assessments authorized in sections ten and twenty-six, of the requirements for maintenance and operation, for miscellaneous interest, for any credits to member towns, for the sinking fund and for interest and principal payments on all bonds issued for the construction of the metropolitan water system, and on all bonds issued under the authorization of this section.

#### METROPOLITAN PARKS

**SECTION 54.** The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles

River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

**SECTION 55.** (As Amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

**SECTION 57.** (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

**SECTION 58.** The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

**SECTION 59.** (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

JOHN F. KENNEDY,  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1955

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan	Sewerage	North and South Systems	Total
			Systems	North and South Systems		
Arlington . . . .	\$ 87,680 32	\$ 60,649 53	\$ 86,242 34n	\$ 234,572 19		
Belmont . . . .	55,699 04	48,769 39	59,787 46n	164,255 89		
Boston . . . .	3,222,387 52	1,272,141 81	152,496 91n	5,118,903 19		
	—	—	471,876 95s	—		
Braintree . . . .	—	31,009 37	42,389 94s	73,399 31		
Brookline . . . .	149,394 64	128,428 16	137,243 49s	415,066 29		
Cambridge . . . .	1,616 08	174,779 51	240,470 27n	416,865 86		
Canton . . . .	—	9,874 26	13,559 81s	23,434 07		
Chelsea . . . .	109,618 88	47,731 56	72,578 85n	229,929 29		
Cohasset . . . .	—	679 55	—	679 55		
Dedham . . . .	—	26,906 58	35,252 65s	62,159 23		
Dover . . . .	—	4,676 75	—	4,676 75		
Everett . . . .	242,105 44	76,394 91	97,176 61n	415,676 96		
Hingham . . . .	—	16,849 01	—	16,849 01		
Hull . . . .	—	12,473 94	—	12,473 94		
Lexington . . . .	56,456 24	—	34,253 35n	90,709 59		
Lynn . . . .	—	141,660 77	—	141,660 77		
Malden . . . .	157,517 28	76,808 23	113,491 31n	347,816 82		
Marblehead . . . .	36,284 00	—	—	36,284 00		
Medford . . . .	124,583 60	85,777 95	125,906 06n	336,267 61		
Melrose . . . .	52,990 72	40,083 59	54,363 89n	147,438 20		
Milton . . . .	44,315 36	38,280 59	46,170 48s	128,766 43		
Nahant . . . .	7,908 00	4,805 42	—	12,713 42		
Natick . . . .	—	—	8,344 23s	8,344 23		
Needham . . . .	586 88	26,491 18	32,771 71s	59,849 77		
Newton . . . .	234,253 84	151,088 64	175,803 54s	561,146 02		
Norwood . . . .	—	—	33,406 49s	33,406 49		
Quincy . . . .	213,243 60	129,877 47	164,517 61s	507,638 68		
Reading . . . .	—	—	27,189 57n	27,189 57		
Revere . . . .	87,320 64	43,993 03	67,907 55n	199,221 22		
Saugus . . . .	28,017 28	19,229 35	—	47,246 63		
Somerville . . . .	281,311 76	125,925 88	191,097 72n	598,335 36		
Stoneham . . . .	43,320 00	16,608 18	24,877 16n	84,805 34		
Stoughton . . . .	—	—	18,605 25s	18,605 25		
Swampscott . . . .	30,103 60	22,065 31	—	52,168 91		
Wakefield . . . .	—	25,001 24	37,182 94n	62,184 18		
Walpole . . . .	—	—	19,277 80s	19,277 80		
Waltham . . . .	144,638 24	61,342 86	89,328 69s	295,309 79		
Watertown . . . .	100,878 40	54,658 52	71,280 72s	226,817 64		
Wellesley . . . .	—	40,231 14	45,549 48s	85,780 62		
Weston . . . .	—	10,149 79	—	10,149 79		
Westwood . . . .	—	8,159 35	—	8,159 35		
Weymouth . . . .	—	51,011 83	64,377 82s	115,389 65		
Winchester . . . .	11,309 52	30,654 76	35,523 96n	77,488 24		
Winthrop . . . .	50,528 40	25,942 26	37,514 56n	113,985 22		
Woburn . . . .	—	24,711 86	37,975 10n	62,686 96		
	\$5,574,069 28*	\$3,165,923 53	\$2,965,792 27**	\$11,705,785 08		

n—North System

s—South System

\* Does not include special assessments shown at bottom of page 8.

\*\* Does not include special assessment shown on page 19.

## METROPOLITAN WATER DISTRICT

## METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1955

## Bonds outstanding (serial)

Water Loan . . . . .	\$ 564,000 00
Additional Water loan . . . . .	35,795,000 00
Water Use Development Loan . . . . .	29,819,000 00
Water Main Loan, Act of 1949 . . . . .	2,890,000 00
Water Loan, Act of 1950 . . . . .	5,975,000 00
Water Loan, Act of 1952 . . . . .	1,160,000 00
Clinton Sewage Loan, Act of 1954 . . . . .	650,000 00

Total net water debt June 30, 1955 . . . . . \$76,853,000 00

## METROPOLITAN WATER EXPENSES

Debt Service:	Serial Bonds	Interest	
Water Loan . . . . .	\$ 70,000 00	\$ 24,160 00	
Additional Water Loan . . . . .	2,633,000 00	768,455 00	
Water Use Development Loan . . . . .	1,126,183 01	504,935 69	
Water Main Loan, Act of 1949 . . . . .	115,000 00	50,107 50	
Water Loan, Act of 1950 . . . . .	235,000 00	112,710 00	
Water Loan, Act of 1952 . . . . .	45,000 00	23,200 00	
Clinton Sewage Loan, Act of 1954 . . . . .	21,328 55	9,194 79	
Interest on advances, estimated, 1955, and adjustment of 1954 interest charges . . . . .	—	10,024 18	
	\$4,245,511 56	\$1,502,787 16	\$5,748,298 72
Maintenance as appropriated by the Legislature . . . . .			2,590,298 36
Total expenses . . . . .			\$8,338,597 08
Assessment at \$80.00 per million gallons consumed	\$5,574,069 28		
Newton assessment . . . . .	193,179 92		
		\$5,767,249 20	
Less credits:			
Brookline, for property acquired	\$ 1,564 36		
Belmont, for overassessment . . . . .	20,417 36		
Waltham, for overassessment . . . . .	27,670 40	49,652 12	
			\$5,717,597 08
Balance to be borrowed under Section 7, Chapter 549, Acts of 1946 . . . . .			<u>\$2,621,000 00</u>

## METROPOLITAN WATER ASSESSMENTS FOR 1955

CITIES AND TOWNS IN DISTRICT	Total Consumption for 1954 in million gallons	1955 Charge at \$80 per million gallons (Chap. 618, Acts of 1953)	Proportion for computing Share of debt
Arlington . . . . .	1,096.004	\$87,680 32	.015730
Belmont . . . . .	696.238	55,699 04	.009993
Boston . . . . .	40,279.844	3,222,387 52	.578103
Brookline . . . . .	1,867.433	149,394 64	.026802
Cambridge <sup>1</sup> . . . . .	20,201	1,616 08	.000290
Chelsea . . . . .	1,370.236	109,618 88	.019666
Everett . . . . .	3,026.318	242,105 44	.043434
Lexington . . . . .	705.703	56,456 24	.010128
Malden . . . . .	1,968.966	157,517 28	.028259
Marblehead . . . . .	453.550	36,284 00	.006509
Medford . . . . .	1,557.295	124,583 60	.022350
Melrose . . . . .	662.384	52,990 72	.009507
Milton . . . . .	553.942	44,315 36	.007950
Nahant . . . . .	98.850	7,908 00	.001419
Needham <sup>2</sup> . . . . .	7.336	586 88	.000105
Newton <sup>3</sup> . . . . .	2,928.173	234,253 84	.042026
Quincy . . . . .	2,665.545	213,243 60	.038256
Revere . . . . .	1,091.508	87,320 64	.015666
Saugus . . . . .	350.216	28,017 28	.005026
Somerville . . . . .	3,516.397	281,311 76	.050468
Stoneham . . . . .	541.500	43,320 00	.007772
Swampscott . . . . .	376.295	30,103 60	.005401
Waltham . . . . .	1,807.978	144,638 24	.025948
Watertown . . . . .	1,260.980	100,878 40	.018098
Winchester <sup>4</sup> . . . . .	141.369	11,309 52	.002029
Winthrop . . . . .	631.605	50,528 40	.009065
	69,675.866	\$5,574,069 28	1.000000

<sup>1</sup> Partial supply only.

<sup>2</sup> Needham entered the district in accordance with agreement dated June 3, 1954, for the purpose of obtaining a portion of the town's supply.

<sup>3</sup> Newton began taking full supply May 5, 1954.

<sup>4</sup> Area served undetermined.

NOTE: Not included in above:

Credit to Belmont on account of overassessment in 1954 due to a defective meter, \$20,417.36.

Credit to Waltham on account of overassessments in 1953 and 1954 due to a defective meter, \$27,670.40.

Credit to Brookline for property acquired; third of twenty-five, \$1,564.36.

Assessment against Saugus for cost of water connection; third of ten, \$11,870.24.

Assessment against Newton for purchase of 2,414.749 million gallons of water from Jan. 1, 1954 to Jan. 1, 1955, \$193,179.92.

**COMPARISON OF ASSESSMENTS, 1954 AND 1955 WITH REVENUE  
FROM WATER RATES IN 1954**

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns 1954
	1954	1955	
Arlington . . . . .	\$ 92,953 36	\$ 87,680 32	\$ 255,307 58
Belmont . . . . .	82,667 04	55,699 04	183,653 80 a
Boston . . . . .	3,313,909 84	3,222,387 52	6,020,880 61
Brookline . . . . .	160,003 60	149,394 64	440,732 14 a
Cambridge . . . . .	—	1,616 08	990,446 95
Chelsea . . . . .	117,179 44	109,618 88	301,954 49 ab
Everett . . . . .	269,988 96	242,105 44	552,211 30 a
Lexington . . . . .	56,326 24	56,456 24	148,749 19
Malden . . . . .	141,424 80	157,517 28	342,324 59
Marblehead . . . . .	40,253 84	36,284 00	164,615 50
Medford . . . . .	127,737 44	124,583 60	398,992 00 a
Melrose . . . . .	54,406 88	52,990 72	174,656 86 ab
Milton . . . . .	48,679 76	44,315 36	194,282 00 ab
Nahant . . . . .	8,411 20	7,908 00	21,867 63
Needham . . . . .	—	586 88	127,350 62
Newton . . . . .	113,114 32	234,253 84	685,363 73
Quincy . . . . .	218,443 60	213,243 60	772,884 22
Revere . . . . .	91,123 60	87,320 64	170,512 91
Saugus . . . . .	29,783 04	28,017 28	125,628 10 ab
Somerville . . . . .	298,130 48	281,311 76	650,002 41
Stoneham . . . . .	43,889 92	43,320 00	140,655 16
Swampscott . . . . .	32,467 20	30,103 60	101,464 06 ab
Waltham . . . . .	170,754 00	144,638 24	464,425 05 ab
Watertown . . . . .	103,060 48	100,878 40	276,511 15 a
Winchester . . . . .	13,956 72	11,309 52	117,138 31
Winthrop . . . . .	50,720 80	50,528 40	142,851 35 ab
	<hr/> \$5,679,386 56	<hr/> \$5,574,069 28	<hr/> \$13,965,461 71

a Includes money received from municipal departments.

b Includes money received from hydrant rentals.

## METROPOLITAN PARKS DISTRICT

## METROPOLITAN PARKS DEBT

Gross (and net) Parks debt June 30, 1955	
Bonds outstanding (serial)	\$1,000.00
Gross (and net) Parks, Series Two-Boulevards—debt	
June 30, 1955	
Bonds outstanding (serial) (one-half)	3,500.00
Total net parks debt June 30, 1955	<u>\$ 4,500.00</u>

## METROPOLITAN PARKS EXPENSES

## Debt Service:

## Serial Bonds:

Parks . . . . .	\$1,000.00*
Parks, Series Two . . . . .	3,500.00*
<hr/>	
	4,500.00

## Interest:

Parks . . . . .	80.00*
On advances . . . . .	375.00
	<hr/>
	455.00
Parks, Series Two . . . . .	280.00*
	<hr/>
	735.00 \$ 5,235.00
Maintenance as appropriated by the Legislature . . . . .	<hr/> <u>3,160,688.53</u>
Total parks expenses to be assessed . . . . .	<hr/> <u>\$3,165,923.53</u>

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\* Final payments on these accounts.

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements**  
**Determined by the Metropolitan District Commission**

CITIES AND TOWNS	Valuation (Chap. 559 Acts 1945)	Valuation Per Cent (Note 1)	Population 1950 Census	Population Per Cent	Average Per Cent (Note 2)
					Ch. 554, Acts 1949
Arlington . . .	\$ 63,327,779	.018010	44,353	.021468	.019163
Belmont . . .	57,954,895	.016482	27,381	.013253	.015406
Boston . . .	1,437,779,078	.408885	801,444	.387926	.401898
Braintree . . .	31,968,400	.009091	23,161	.011211	.009798
Brookline . . .	164,949,098	.046909	57,589	.027875	.040564
Cambridge . . .	188,515,872	.053611	120,740	.058442	.055221
Canton . . .	10,101,349	.002873	7,465	.003613	.003120
Chelsea . . .	46,441,609	.013207	38,912	.018835	.015083
Dedham . . .	29,105,423	.008277	18,487	.008948	.008501
Dover . . .	6,325,116	.001799	1,722	.000834	.001477
Everett . . .	88,165,414	.025073	45,982	.022257	.024134
Hingham . . .	18,999,428	.005403	10,665	.005162	.005323
Hull . . .	17,900,393	.005091	3,379	.001636	.003939
Lynn . . .	151,194,710	.042998	99,738	.048277	.044758
Malden . . .	77,119,332	.021932	59,804	.028947	.024270
Medford . . .	86,696,291	.024655	66,113	.032001	.027104
Melrose . . .	43,827,859	.012464	26,988	.013063	.012664
Milton . . .	44,725,770	.012719	22,395	.010840	.012093
Nahant . . .	5,722,850	.001628	2,679	.001297	.001518
Needham . . .	30,261,434	.008606	16,313	.007896	.008369
Newton . . .	181,961,300	.051747	81,994	.039688	.047727
Quincy . . .	145,077,833	.041258	83,835	.040579	.041032
Revere . . .	42,040,213	.011956	36,763	.017795	.013902
Saugus . . .	17,446,731	.004962	17,162	.008307	.006077
Somerville . . .	122,784,622	.034918	102,351	.049541	.039792
Stoneham . . .	16,420,347	.004670	13,229	.006403	.005248
Swampscott . . .	26,905,763	.007652	11,580	.005605	.006970
Wakefield . . .	24,960,810	.007099	19,633	.009503	.007900
Waltham . . .	62,078,958	.017654	47,187	.022840	.019383
Watertown . . .	59,318,707	.016870	37,329	.018068	.017269
Wellesley . . .	49,542,385	.014089	20,549	.009946	.012708
Weston . . .	12,634,820	.003593	5,026	.002433	.003206
Westwood . . .	8,630,467	.002454	5,837	.002825	.002578
Weymouth . . .	57,187,043	.016263	32,690	.015823	.016116
Winchester . . .	37,874,919	.010771	15,509	.007507	.009683
Winthrop . . .	26,644,419	.007577	19,496	.009437	.008197
Woburn . . .	23,747,647	.006754	20,492	.009919	.007809
	\$3,516,339,084	1.000000	2,065,972	1.000000	1.000000
Cohasset (Note 3) . . .	11,063,194	.003136	3,731	.001803	.000215
	\$3,527,402,278		2,069,703		

Note 1. Serial bonds and interest.

Note 2. Maintenance.

Note 3. Nantasket maintenance (8% of its proportion).

## METROPOLITAN PARKS DISTRICT

## Serial Bond Assessments

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington .	\$ 18 01	\$ 63 04	\$ 81 05
Belmont .	16 48	57 69	74 17
Boston .	408 89	1,431 10	1,839 99
Braintree .	9 09	31 82	40 91
Brookline .	46 91	164 18	211 09
Cambridge .	53 61	187 64	241 25
Canton .	2 87	10 05	12 92
Chelsea .	13 21	46 22	59 43
Dedham .	8 28	28 97	37 25
Dover .	1 80	6 30	8 10
Everett .	25 07	87 75	112 82
Hingham .	5 40	18 91	24 31
Hull .	5 09	17 82	22 91
Lynn .	43 00	150 49	193 49
Malden .	21 93	76 76	98 69
Medford .	24 66	86 29	110 95
Melrose .	12 46	43 62	56 08
Milton .	12 73	44 52	57 25
Nahant .	1 63	5 70	7 33
Needham .	8 61	30 12	38 73
Newton .	51 75	181 11	232 86
Quincy .	41 26	144 40	185 66
Revere .	11 95	41 85	53 80
Saugus .	4 96	17 37	22 33
Somerville .	34 92	122 21	157 13
Stoneham .	4 67	16 35	21 02
Swampscott .	7 65	26 78	34 43
Wakefield .	7 10	24 85	31 95
Waltham .	17 65	61 79	79 44
Watertown .	16 87	59 05	75 92
Wellesley .	14 09	49 31	63 40
Weston .	3 59	12 57	16 16
Westwood .	2 45	8 59	11 04
Weymouth .	16 26	56 92	73 18
Winchester .	10 77	37 70	48 47
Winthrop .	7 58	26 52	34 10
Woburn .	6 75	23 64	30 39
	\$1,000 00	\$3,500 00	\$4,500 00

## METROPOLITAN PARKS DISTRICT

*Interest Assessments*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$ 8 19	\$ 5 04	\$ 13 23
Belmont . . . . .	7 50	4 62	12 12
Boston . . . . .	186 04	114 49	300 53
Braintree . . . . .	4 14	2 55	6 69
Brookline . . . . .	21 34	13 13	34 47
Cambridge . . . . .	24 39	15 01	39 40
Canton . . . . .	1 31	80	2 11
Chelsea . . . . .	6 01	3 70	9 71
Dedham . . . . .	3 77	2 32	6 09
Dover . . . . .	82	50	1 32
Everett . . . . .	11 41	7 02	18 43
Hingham . . . . .	2 46	1 51	3 97
Hull . . . . .	2 32	1 43	3 75
Lynn . . . . .	19 56	12 04	31 60
Malden . . . . .	9 98	6 14	16 12
Medford . . . . .	11 22	6 90	18 12
Melrose . . . . .	5 67	3 49	9 16
Milton . . . . .	5 79	3 56	9 35
Nahant . . . . .	74	46	1 20
Needham . . . . .	3 92	2 41	6 33
Newton . . . . .	23 54	14 49	38 03
Quincy . . . . .	18 77	11 55	30 32
Revere . . . . .	5 44	3 35	8 79
Saugus . . . . .	2 26	1 39	3 65
Somerville . . . . .	15 89	9 78	25 67
Stoneham . . . . .	2 12	1 31	3 43
Swampscott . . . . .	3 48	2 14	5 62
Wakefield . . . . .	3 23	1 99	5 22
Waltham . . . . .	8 03	4 94	12 97
Watertown . . . . .	7 68	4 72	12 40
Wellesley . . . . .	6 41	3 94	10 35
Weston . . . . .	1 63	1 01	2 64
Westwood . . . . .	1 12	69	1 81
Weymouth . . . . .	7 40	4 55	11 95
Winchester . . . . .	4 90	3 02	7 92
Winthrop . . . . .	3 45	2 12	5 57
Woburn . . . . .	3 07	1 89	4 96
	<hr/> \$455 00	<hr/> \$280 00	<hr/> \$735 00

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Total Assessments and Grand Total*

CITIES AND TOWNS	Total Serial Bond	Total Interest	Total Maintenance	Grand Totals
Arlington . . . . .	\$ 81 05	\$ 13 23	\$ 60,555 25	\$ 60,649 53
Belmont . . . . .	74 17	12 12	48,683 10	48,769 39
Boston . . . . .	1,839 99	300 53	1,270,001 29	1,272,141 81
Braintree . . . . .	40 91	6 69	30,961 77	31,009 37
Brookline . . . . .	211 09	34 47	128,182 60	128,428 26
Cambridge . . . . .	241 25	39 40	174,498 86	174,779 51
Canton . . . . .	12 92	2 11	9,859 23	9,874 26
Chelsea . . . . .	59 43	9 71	47,662 42	47,731 56
Cohasset . . . . .	—	—	679 55	679 55
Dedham . . . . .	37 25	6 09	26,863 24	26,906 58
Dover . . . . .	8 10	1 32	4,667 33	4,676 75
Everett . . . . .	112 82	18 43	76,263 66	76,394 91
Hingham . . . . .	24 31	3 97	16,820 73	16,849 01
Hull . . . . .	22 91	3 75	12,447 28	12,473 94
Lynn . . . . .	193 49	31 60	141,435 68	141,660 77
Malden . . . . .	98 69	16 12	76,693 42	76,808 23
Medford . . . . .	110 95	18 12	85,648 88	85,777 95
Melrose . . . . .	56 08	9 16	40,018 35	40,083 59
Milton . . . . .	57 25	9 35	38,213 99	38,280 59
Nahant . . . . .	7 33	1 20	4,796 89	4,805 42
Needham . . . . .	38 73	6 33	26,446 12	26,491 18
Newton . . . . .	232 86	38 03	150,817 75	151,088 64
Quincy . . . . .	185 66	30 32	129,661 49	129,877 47
Revere . . . . .	53 80	8 79	43,930 44	43,993 03
Saugus . . . . .	22 33	3 65	19,203 37	19,229 35
Somerville . . . . .	157 13	25 67	125,743 08	125,925 88
Stoneham . . . . .	21 02	3 43	16,583 73	16,608 18
Swampscott . . . . .	34 43	5 62	22,025 26	22,065 31
Wakefield . . . . .	31 95	5 22	24,964 07	25,001 24
Waltham . . . . .	79 44	12 97	61,250 45	61,342 86
Watertown . . . . .	75 92	12 40	54,570 20	54,658 52
Wellesley . . . . .	63 40	10 35	40,157 39	40,231 14
Weston . . . . .	16 16	2 64	10,130 99	10,149 79
Westwood . . . . .	11 04	1 81	8,146 50	8,159 35
Weymouth . . . . .	73 18	11 95	50,926 70	51,011 83
Winchester . . . . .	48 47	7 92	30,598 37	30,654 76
Winthrop . . . . .	34 10	5 57	25,902 59	25,942 26
Woburn . . . . .	30 39	4 96	24,676 51	24,711 86
	<hr/> <b>\$4,500 00</b>	<hr/> <b>\$735 00</b>	<hr/> <b>\$3,160,688 53</b>	<hr/> <b>\$3,165,923 53</b>

In accordance with the provisions of Chapter 554 of the Acts of 1949, 39% of the cost of maintenance of reservations and boulevards is charged to the Metropolitan Parks District. Proportions are as shown on page 11.

## METROPOLITAN PARKS AND SEWERAGE DISTRICTS

## Comparison of Assessments 1954 and 1955

CITIES AND TOWNS	Parks			Sewerage	
	1954	1955		1954	1955
Arlington . . . . .	\$ 53,448 17	\$ 60,649 53		\$ 79,381 14	\$ 86,242 34
Belmont . . . . .	42,980 15	48,769 39		55,284 72	59,787 46
Boston . . . . .	1,121,114 70	1,272,141 81		544,832 62	624,373 86
Braintree . . . . .	27,327 30	31,009 37		36,306 95	42,389 94
Brookline . . . . .	113,185 60	128,428 16		116,440 59	137,243 49
Cambridge . . . . .	154,027 96	174,779 51		221,554 57	240,470 27
Canton . . . . .	8,701 77	9,874 26		11,616 09	13,559 81
Chelsea . . . . .	42,063 29	47,731 56		66,682 67	72,578 85
Cohasset . . . . .	598 71	679 55		—	—
Dedham . . . . .	23,711 98	26,906 58		30,147 08	35,252 65
Dover . . . . .	4,121 77	4,676 75		—	—
Everett . . . . .	67,325 78	76,394 91		89,748 71	97,176 61
Hingham . . . . .	14,848 70	16,849 01		—	—
Hull . . . . .	10,993 86	12,473 94		—	—
Lexington . . . . .	—	—		31,549 27	34,253 35
Lynn . . . . .	124,841 06	141,660 77		—	—
Malden . . . . .	67,687 56	76,808 23		104,350 98	113,491 31
Medford . . . . .	75,592 29	85,777 95		115,786 75	125,906 06
Melrose . . . . .	35,324 61	40,083 59		50,110 45	54,363 89
Milton . . . . .	33,736 27	38,280 59		39,364 52	46,170 48
Nahant . . . . .	4,234 98	4,805 42		—	—
Natick . . . . .	—	—		6,855 58	8,344 23*
Needham . . . . .	23,346 23	26,491 18		27,968 06	32,771 71
Newton . . . . .	133,154 00	151,088 64		149,683 38	175,803 54
Norwood . . . . .	—	—		28,509 00	33,406 49
Quincy . . . . .	114,458 22	129,877 47		140,527 33	164,517 61
Reading . . . . .	—	—		25,024 39	27,189 57
Revere . . . . .	38,768 58	43,993 03		62,365 18	67,907 55
Saugus . . . . .	16,945 55	19,229 35		—	—
Somerville . . . . .	110,971 90	125,925 88		175,581 40	191,097 72
Stoneham . . . . .	14,635 97	16,608 18		22,864 46	24,877 16
Stoughton . . . . .	—	—		15,999 09	18,605 25
Swampscott . . . . .	19,446 17	22,065 31		—	—
Wakefield . . . . .	22,032 42	25,001 24		34,183 94	37,182 94
Walpole . . . . .	—	—		16,420 68	19,277 80
Waltham . . . . .	54,058 75	61,342 86		76,603 43	89,328 69
Watertown . . . . .	48,169 00	54,658 52		60,950 63	71,280 72
Wellesley . . . . .	35,455 84	40,231 14		38,737 88	45,549 48
Weston . . . . .	8,945 07	10,149 79		—	—
Westwood . . . . .	7,190 55	8,159 35		—	—
Weymouth . . . . .	44,955 69	51,011 83		54,983 33	64,377 82
Winchester . . . . .	27,016 16	30,654 76		32,909 25	35,523 96
Winthrop . . . . .	22,861 85	25,942 26		34,513 86	37,514 56
Woburn . . . . .	21,777 21	24,711 86		34,879 40	37,975 10
	\$2,790,055 67	\$3,165,923 53		\$2,632,717 38	\$2,965,792 27

\* Does not include special assessment shown on page 19.

## METROPOLITAN SEWERAGE DISTRICT

## METROPOLITAN SEWERAGE—NORTH SYSTEM—DEBT

Gross (and net) debt June 30, 1955.

## Bonds outstanding (serial)

Sewerage Loan, North System . . . .	\$ 3,099,000 00
Sewerage Loan, Act of 1951 . . . .	12,500,000 00
Sewerage Loan, North District, Act of 1951	1,100,000 00

Total net sewerage debt—north system—June 30, 1955 . . . \$16,699,000 00

## METROPOLITAN SEWERAGE, NORTH SYSTEM, EXPENSES

Debt Service:	Serial Bonds	Interest
Sewerage Loan, North System . . . .	\$313,000 00	\$42,082 50
Sewerage Loan, Act of 1951 . . . .	*	*
Sewerage Loan, North District, Act of 1951 . . . .	†	11,293 33
Interest on advances, estimated 1955, and adjustment of 1954 interest charges . . . .	—	4,700 00
	<u>\$313,000 00</u>	<u>\$ 58,075 83</u>
Maintenance as appropriated by the Legislature . . . .		1,124,959 78
Total metropolitan sewerage, north system, expenses to be assessed . . . .		<u>\$1,496,035 61</u>

\* The first serial bond payments on account of this loan become due Sept. 1, 1958; interest charges prior to July 1, 1958, are to be paid from the proceeds of the sale of the bonds. Sect. 7, Chap. 645, Acts of 1951.

† The first serial bond payments on account of this loan become due May 1, 1956.

## METROPOLITAN SEWERAGE DISTRICT—NORTH SYSTEM

*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)			Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
		Interest	Serial Bonds	Population		
Arlington . . . . .	\$ 63,327,779	5.87		44,353		5.73
Belmont . . . . .	57,954,895	5.38		27,381		3.54
Boston						
Charlestown and East Boston	. 85,537,810	7.93		84,628		10.94
Cambridge . . . . .	188,515,872	17.48		120,740		15.61
Chelsea . . . . .	46,441,609	4.31		38,912		5.03
Everett . . . . .	88,165,414	8.18		45,982		5.94
Lexington . . . . .	26,354,606	2.44		17,335		2.24
Malden . . . . .	77,119,332	7.15		59,804		7.73
Medford . . . . .	86,696,291	8.04		66,113		8.54
Melrose . . . . .	43,827,859	4.07		26,988		3.49
Reading . . . . .	19,856,099	1.84		14,006		1.81
Revere . . . . .	42,040,213	3.90		36,763		4.75
Somerville . . . . .	122,784,622	11.39		102,351		13.23
Stoneham . . . . .	16,420,347	1.52		13,229		1.71
Wakefield . . . . .	24,960,810	2.32		19,633		2.54
Winchester . . . . .	37,874,919	3.51		15,509		2.00
Winthrop . . . . .	26,644,419	2.47		19,496		2.52
Woburn . . . . .	23,747,647	2.20		20,492		2.65
	<hr/> <b>\$1,078,270,543</b>	<hr/> <b>100.00</b>		<hr/> <b>773,715</b>		<hr/> <b>100.00</b>

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest			Maintenance	Total
		Interest	Maintenance	Total		
Arlington . . . . .	\$ 18,373 10	\$ 3,409 05	\$ 64,460 19	\$ 86,242 34		
Belmont . . . . .	16,839 40	3,124 48	39,823 58	59,787 46		
Boston						
Charlestown and East Boston .	24,820 90	4,605 41	123,070 60	152,496 91		
Cambridge . . . . .	54,712 40	10,151 65	175,606 22	240,470 27		
Chelsea. . . . .	13,490 30	2,503 07	56,585 48	72,578 85		
Everett . . . . .	25,603 40	4,750 60	66,822 61	97,176 61		
Lexington . . . . .	7,637 20	1,417 05	25,199 10	34,253 35		
Malden . . . . .	22,379 50	4,152 42	86,959 39	113,491 31		
Medford . . . . .	25,165 20	4,669 30	96,071 56	125,906 06		
Melrose . . . . .	12,739 10	2,363 69	39,261 10	54,363 89		
Reading . . . . .	5,759 20	1,068 60	20,361 77	27,189 57		
Revere . . . . .	12,207 00	2,264 96	53,435 59	67,907 55		
Somerville . . . . .	35,650 70	6,614 84	148,832 18	191,097 72		
Stoneham . . . . .	4,757 60	882 75	19,236 81	24,877 16		
Wakefield . . . . .	7,261 60	1,347 36	28,573 98	37,182 94		
Winchester . . . . .	10,986 30	2,038 46	22,499 20	35,523 96		
Winthrop . . . . .	7,731 10	1,434 47	28,348 99	37,514 56		
Woburn . . . . .	6,886 00	1,277 67	29,811 43	37,975 10		
	<hr/> <b>\$313,000 00</b>	<hr/> <b>\$58,075 83</b>	<hr/> <b>\$1,124,959 78</b>	<hr/> <b>\$1,496,035 61</b>		

METROPOLITAN SEWERAGE DISTRICT  
METROPOLITAN SEWERAGE, SOUTH SYSTEM, DEBT

Gross (and net) debt June 30, 1955

Bonds outstanding (serial)

Sewerage Loan, South System . . . . .	\$5,970,000 00
Sewerage Loan, Act of 1951 . . . . .	1,500,000 00
District Sewerage Loan, Act of 1951. . . . .	2,000,000 00
District Sewerage Second Loan, Act of 1951 . . . . .	1,750,000 00
District Sewerage Loan, Act of 1953 . . . . .	1,000,000 00

Total net sewerage debt—south system—

June 30, 1955 . . . . . \$12,220,000 00

METROPOLITAN SEWERAGE, SOUTH SYSTEM, EXPENSES

Debt Service:	Serial Bonds	Interest
Sewerage Loan, South System . . . . .	\$314,000 00	\$77,510 00
Sewerage Loan, Act of 1951 . . . . .	*	*
District Sewerage Loan, Act of 1951 . . . . .	†	20,533 33
District Sewerage Second Loan, Act of 1951 . . . . .	†	17,966 67
District Sewerage Loan, Act of 1953 . . . . .	†	10,266 67
Interest on advances, estimated, 1955, and adjustment of 1954 interest charges . . . . .	—	28,500 00
	<u>\$314,000 00</u>	<u>\$154,776 67</u>
Maintenance as appropriated by the Legislature		<u>\$468,776 67</u>
		<u>1,000,979 99</u>
Total metropolitan sewerage, south system ex- penses to be assessed . . . . .		<u><u>\$1,469,756 66</u></u>

\* The first serial bond payments on account of this loan become due Sept. 1, 1958; interest charges prior to July 1, 1958, are to be paid from the proceeds of the sale of the bonds. Sect. 7, Chap. 645, Acts of 1951.

† The first serial bond payments on account of these loans become due May 1, 1956.

**METROPOLITAN SEWERAGE DISTRICT—SOUTH SYSTEM**  
*Proportion of Assessments  
as Determined by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Chap. 559 Acts of 1945	Proportion for Interest and Serial Bonds (Per Cent)	Population U. S. Census 1950	Proportion for Maintenance (Per Cent)
Boston:				
All of Brighton and Hyde Park and parts of Roxbury, West Rox- bury and Dorchester . . . . \$ 312,015,921	24.73	269,862	35.56	
Braintree . . . . . 31,968,400	2.53	23,161	3.05	
Brookline . . . . . 164,949,098	13.07	57,589	7.59	
Canton . . . . . 10,101,349	.80	7,465	.98	
Dedham . . . . . 29,105,423	2.31	18,487	2.44	
Framingham <sup>1</sup> . . . . . —	—	—	—	
Hingham <sup>2</sup> . . . . . —	—	—	—	
Milton . . . . . 44,725,770	3.55	22,395	2.95	
Natick <sup>3</sup> . . . . . 22,482,880	1.78	—	—	
Needham . . . . . 30,261,434	2.40	16,313	2.15	
Newton . . . . . 181,961,300	14.42	81,994	10.81	
Norwood . . . . . 30,838,574	2.45	16,636	2.19	
Quincy . . . . . 145,077,833	11.50	83,835	11.05	
Randolph <sup>4</sup> . . . . . —	—	—	—	
Stoughton . . . . . 10,505,378	.83	11,146	1.47	
Walpole . . . . . 19,489,960	1.55	9,109	1.20	
Waltham . . . . . 62,078,958	4.92	50,255 <sup>5</sup>	6.62	
Watertown . . . . . 59,318,707	4.70	37,329	4.92	
Wellesley . . . . . 49,542,385	3.93	20,549	2.71	
Weymouth . . . . . 57,187,043	4.53	32,690	4.31	
	\$1,261,610,413	100.00	758,815	100.00

<sup>1</sup> No charges until connection is available. (See Chapter 456, Acts of 1954)

<sup>2</sup> No charges until connection is available. (See Chapter 591, Acts of 1945)

<sup>3</sup> No maintenance charges until connection is available.

<sup>4</sup> No charges until connection is available. (See Chapter 410, Acts of 1955)

<sup>5</sup> Including 3068 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chapter 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

*Assessments*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Boston:				
All of Brighton and Hyde Park and parts of Roxbury, West Roxbury and Dorchester . . . . \$ 77,652 20 \$ 38,276 27 \$ 355,948 48 \$ 471,876 95				
Braintree . . . . . 7,944 20 3,915 85 30,529 89 42,389 94				
Brookline . . . . . 41,039 80 20,229 31 75,974 38 137,243 49				
Canton . . . . . 2,512 00 1,238 21 9,809 60 13,559 81				
Dedham . . . . . 7,253 40 3,575 34 24,423 91 35,252 65				
Framingham . . . . . * * * *				*
Hingham . . . . . * * * *				*
Milton . . . . . 11,147 00 5,494 57 29,528 91 46,170 48				
Natick . . . . . 5,589 20 2,755 03 * 8,344 23				
Needham . . . . . 7,536 00 3,714 64 21,521 07 32,771 71				
Newton . . . . . 45,278 80 22,318 80 108,205 94 175,803 54				
Norwood . . . . . 7,693 00 3,792 03 21,921 46 33,406 49				
Quincy . . . . . 36,110 00 17,799 32 110,608 29 164,517 61				
Randolph . . . . . * * * *				*
Stoughton . . . . . 2,606 20 1,284 65 14,714 40 18,605 25				
Walpole . . . . . 4,867 00 2,399 04 12,011 76 19,277 80				
Waltham . . . . . 15,448 80 7,615 01 66,264 88 89,328 69				
Watertown . . . . . 14,758 00 7,274 50 49,248 22 71,280 72				
Wellesley . . . . . 12,340 20 6,082 72 27,126 56 45,549 48				
Weymouth . . . . . 14,224 20 7,011 38 43,142 24 64,377 82				
	\$314,000 00	\$154,776 67	\$1,000,979 99	\$1,469,756 66
Natick is also assessed under Chapter 508, Acts of 1951. Second Assessment . . . . .				25,252 66
				\$1,495,009 32

\* No charge until connection is available.

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
		\$1,000 00	\$3,500 00
Net Debt June 30, 1955 .			
1 Arlington . . .	18 01	63 04	980,231 30
2 Belmont . . .	16 48	57 69	898,406 20
3 Boston . . .	408 89	1,431 10	1,324,230 70
4 Braintree . . .	9 09	31 82	—
5 Brookline . . .	46 91	164 18	—
6 Cambridge . . .	53 61	187 64	2,918,985 20
7 Canton . . .	2 87	10 06	—
8 Chelsea . . .	13 21	46 22	719,726 90
9 Dedham . . .	8 28	28 97	—
10 Dover . . .	1 80	6 30	—
11 Everett . . .	25 07	87 75	1,365,978 20
12 Hingham . . .	5 40	18 91	—
13 Hull . . .	5 09	17 82	—
14 Lexington . . .	—	—	407,455 60
15 Lynn . . .	43 00	150 49	—
16 Malden . . .	21 93	76 76	1,193,978 50
17 Marblehead . . .	—	—	—
18 Medford . . .	24 66	86 29	1,342,599 60
19 Melrose . . .	12 46	43 62	679,649 30
20 Milton . . .	12 72	44 52	—
21 Nahant . . .	1 63	5 70	—
22 Natick . . .	—	—	—
23 Needham . . .	8 61	30 12	—
24 Newton . . .	51 75	181 11	—
25 Norwood . . .	—	—	—
26 Quincy . . .	41 26	144 40	—
27 Reading . . .	—	—	307,261 60
28 Revere . . .	11 96	41 85	651,261 00
29 Saugus . . .	4 96	17 37	—
30 Somerville . . .	34 92	122 21	1,902,016 10
31 Stoneham . . .	4 67	16 34	253,824 80
32 Stoughton . . .	—	—	—
33 Swampscott . . .	7 65	26 78	—
34 Wakefield . . .	7 10	24 85	387,416 80
35 Walpole . . .	—	—	—
36 Waltham . . .	17 65	61 79	—
37 Watertown . . .	16 87	59 04	—
38 Wellesley . . .	14 09	49 31	—
39 Weston . . .	3 59	12 58	—
40 Westwood . . .	2 45	8 59	—
41 Weymouth . . .	16 26	56 92	—
42 Winchester . . .	10 77	37 70	586,134 90
43 Winthrop . . .	7 58	26 52	412,465 30
44 Woburn . . .	6 75	23 64	367,378 00
	\$1,000 00	\$3,500 00	\$16,699,000 00

JUNE 30, 1955 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Total	
\$12,220,000 00	\$76,853,000 00	\$105,776,500 00	
—	1,208,897 69	2,189,210 04	Arlington 1
—	767,992 03	1,666,472 40	Belmont 2
3,022,006 00	44,428,949 86	48,777,026 55	Boston 3
309,166 00	—	309,206 91	Braintree 4
1,597,154 00	2,059,814 11	3,657,179 20	Brookline 5
—	22,287 37	2,941,513 82	Cambridge 6
97,760 00	—	97,772 93	Canton 7
—	1,511,391 10	2,231,177 43	Chelsea 8
282,282 00	—	282,319 25	Dedham 9
—	—	8 10	Dover 10
—	3,338,033 20	4,704,124 22	Everett 11
—	—	24 31	Hingham 12
—	—	22 91	Hull 13
—	778,367 18	1,185,822 78	Lexington 14
—	—	193 49	Lynn 15
—	2,171,788 93	3,365,866 12	Malden 16
—	500,236 18	500,236 18	Marblehead 17
—	1,717,664 55	3,060,375 10	Medford 18
—	730,641 47	1,410,346 85	Melrose 19
433,810 00	610,981 35	1,044,848 59	Milton 20
—	109,054 41	109,061 74	Nahant 21
217,516 00	—	217,516 00	Natick 22
293,280 00	8,069 56	301,388 29	Needham 23
1,762,124 00	3,229,824 18	4,992,181 04	Newton 24
299,390 00	—	299,390 00	Norwood 25
1,405,300 00	2,940,088 37	4,345,574 03	Quincy 26
—	—	307,261 60	Reading 27
—	1,203,979 10	1,855,293 91	Revere 28
—	386,263 18	386,285 51	Saugus 29
—	3,878,617 20	5,780,790 43	Somerville 30
—	597,301 52	851,147 33	Stoneham 31
101,426 00	—	101,426 00	Stoughton 32
—	415,083 05	415,117 48	Swampscott 33
—	—	387,448 75	Wakefield 34
189,410 00	—	189,410 00	Walpole 35
601,224 00	1,994,181 64	2,595,485 08	Waltham 36
574,340 00	1,390,885 59	1,965,301 50	Watertown 37
480,246 00	—	480,309 40	Wellesley 38
—	—	16 17	Weston 39
—	—	11 04	Westwood 40
553,566 00	—	553,639 18	Weymouth 41
—	155,934 74	742,118 11	Winchester 42
—	696,672 44	1,109,171 84	Winthrop 43
—	—	367,408 39	Woburn 44
\$12,220,000 00	\$76,853,000 00	\$105,776,500 00	







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# ASSESSMENTS

FOR

## INTEREST, SERIAL BONDS

## AND MAINTENANCE

OF THE

## METROPOLITAN DISTRICTS

Compiled in the Office of  
JOHN T. DRISCOLL

TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1962

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds and maintenance for 1961, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1961, bonds have been issued as follows:

Metropolitan Water District—Water Use Development Loan . . .	\$4,584,000
Metropolitan Water District Additional Loan Act of 1956 . . .	4,500,000
Metropolitan District Commission Recreational Loan Act of 1959 . .	2,000,000
Metropolitan District Park Loan Act of 1961 . . . . .	500,000

## METROPOLITAN SEWER

Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among

such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

#### METROPOLITAN WATER

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five. All payments made as annual assessments, in accordance with section twenty-six, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-five.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirements of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district

loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total of operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their popula-

tions and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

—Section 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

JOHN T. DRISCOLL  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1962

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington . . . . .	\$ 137,900 56	\$ 101,649 74	\$ 167,153 20	\$ 406,703 50
Belmont . . . . .	69,228 80	81,970 91	101,542 08	252,741 79
Boston . . . . .	3,519,425 44	2,023,710 69	1,290,828 70	6,833,964 83
Braintree . . . . .	—	55,115 51	81,089 22	136,204 73
Brookline . . . . .	178,770 08	215,300 58	211,116 67	605,187 33
Cambridge . . . . .	2,629 04	275,942 41	733,411 50	1,011,982 95
Canton . . . . .	—	19,337 45	53,723 41	73,060 86
Chelsea . . . . .	109,253 44	72,669 98	188,128 85	370,052 27
Cohasset . . . . .	—	969 65	—	969 65
Dedham . . . . .	—	47,309 20	86,739 04	134,048 24
Dover . . . . .	—	8,758 91	—	8,758 91
Everett . . . . .	260,463 20	124,612 25	190,181 06	575,256 51
Framingham . . . . .	—	—	83,758 04	83,758 04
Hingham . . . . .	—	30,752 18	25,377 70	56,129 88
Hull . . . . .	—	24,137 68	—	24,137 68
Lexington . . . . .	92,624 40	—	46,998 25	139,622 65
Lynn . . . . .	—	226,572 28	—	226,572 28
Lynnfield Water District . . . . .	6,619 28	—	—	6,619 28
Malden . . . . .	159,454 64	121,732 60	201,578 79	482,766 03
Marblehead . . . . .	42,032 40	—	—	42,032 40
Medford . . . . .	182,577 12	136,936 74	339,235 78	658,749 64
Melrose . . . . .	63,687 28	67,128 59	162,889 31	293,705 18
Milton . . . . .	59,320 48	65,998 70	175,155 92	300,475 10
Nahant . . . . .	10,084 24	8,825 55	—	18,909 79
Natick . . . . .	—	—	66,482 66	66,482 66
Needham . . . . .	21,563 20	49,819 57	43,689 85	115,072 62
Newton . . . . .	334,254 80	258,812 41	450,874 00	1,043,941 21
Norwood . . . . .	88,342 40	—	89,627 29	177,969 69
Peabody <sup>1</sup> . . . . .	3,151 20	—	—	3,151 20
Quincy . . . . .	270,504 32	215,292 28	395,633 77	881,430 37
Randolph . . . . .	—	—	57,547 34	57,547 34
Reading . . . . .	—	—	36,435 05	36,435 05
Revere . . . . .	93,241 60	71,978 46	121,131 83	286,351 89
Saugus . . . . .	41,577 44	32,491 76	—	74,069 20
Somerville . . . . .	291,394 16	195,684 44	339,471 99	826,550 59
Stoneham . . . . .	51,527 28	29,523 59	77,617 10	158,667 97
Stoughton . . . . .	—	—	29,796 89	29,796 89
Swampscott . . . . .	33,224 40	38,034 19	—	71,258 59
Wakefield <sup>†</sup> . . . . .	19,999 60	43,060 60	95,207 29	158,267 49
Walpole . . . . .	—	—	35,680 27	35,680 27
Waltham . . . . .	217,362 32	103,831 98	184,440 03	505,634 33
Watertown . . . . .	142,083 68	90,208 90	151,175 23	383,467 81
Wellesley . . . . .	—	71,064 00	57,897 64	128,961 64
Weston . . . . .	—	19,171 01	—	19,171 01
Westwood . . . . .	—	16,159 29	34,622 12	50,781 41
Weymouth . . . . .	—	93,788 07	155,014 79	248,802 86
Wilmington . . . . .	—	—	27,153 62	27,153 62
Winchester <sup>1</sup> . . . . .	23,174 56	53,963 92	170,911 87	248,050 35
Winthrop . . . . .	53,973 60	42,302 33	85,680 87	181,956 80
Woburn . . . . .	—	—	176,272 46	176,272 46
	\$6,579,444 96*	\$5,134,618 40	\$7,021,271 48	\$18,735,334 84

\* Does not include special assessments shown at bottom of Page 9.

<sup>1</sup> Partial Supply only.

† Wakefield, does not include assessment of \$3,306.64, Art. 3 of Wakefield Agreement.

## METROPOLITAN WATER DISTRICT

### METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1962

#### Bonds outstanding (serial)

Water Loan . . . . .	\$ 81,000 00
Additional Water Loan . . . . .	18,627,000 00
Water Use Development Loan . . . . .	46,245,000 00
Water Main Loan, Act of 1949 . . . . .	2,090,000 00
Water Main Loan, Act of 1954 . . . . .	1,216,000 00
Water Main Loan, Act of 1957 . . . . .	1,948,000 00
Water Main Loan, Act of 1959 . . . . .	966,000 00
Water Loan, Act of 1950 . . . . .	11,694,000 00
Water Loan, Act of 1952 . . . . .	6,005,000 00
Clinton Sewage Loan . . . . .	496,000 00
Metropolitan Water District Additional Loan Act of 1956 . . . . .	<u>17,080,000 00</u>

Total net water debt June 30, 1962 . . . . . \$106,448,000 00\*

### METROPOLITAN WATER EXPENSES

#### Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Water Loan . . . . .	\$ 68,000 00	\$ 5,960 00
Additional Water Loan . . . . .	2,087,000 00	367,537 50
Water Use Development Loan . . . . .	1,862,795 78	1,127,140 20
Water Main Loan, Act of 1949 . . . . .	110,000 00	37,400 00
Water Main Loan, Act of 1954 . . . . .	—	32,164 00
Water Main Loan, Act of 1957 . . . . .	76,000 00	67,700 00
Water Main Loan, Act of 1959 . . . . .	34,000 00	33,473 75
Water Loan, Act of 1950 . . . . .	397,000 00	282,887 50
Water Loan, Act of 1952 . . . . .	160,000 00	183,537 50
Clinton Sewage Loan, Act of 1954 . . . . .	22,000 00	8,872 50
Metropolitan Water District Additional Loan Act of 1956 . . . . .	258,854 50	508,691 25
Interest on average monthly deficit . . . . .	—	7,089 32
	<hr/>	<hr/>
	\$5,075,650 28	\$2,662,453 52
Brookline Credit for Property acquired . . . . .	<hr/>	<hr/>
	1,887 40	
Total Bond Expenses . . . . .	<hr/>	<hr/>
	\$7,739,991 20	

\* Does not include Note issued under Chapter 543 of the Acts of 1943 as amended by Chapter 494 of the Acts of 1949 for \$175,000.00.

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G. L. c. 92, Section 25A, as inserted by Chapter 723, Acts of 1962, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1962;

*Fund Requirements—July 1, 1961:*

Maintenance . . . . .	\$ 1,665,231 40
Debt Service . . . . .	<u>3,174,540 85</u> \$ 4,839,772 25

*Net Fiscal Year Charges:*

Appropriations . . . . .	\$ 4,638,079 00
Appropriations of Restricted Revenue . . . . .	66,844 02
Expenditures Authorized—Not Appropriated—Debt Service . . . . .	7,739,991 20*
Authorized Transfers . . . . .	<u>499,693 08</u>
Total . . . . .	\$12,944,607 30

Deduct: Reversions:

Current Fiscal Year . . . . .	\$ 32,081 87
Accounts Payable . . . . .	<u>65,797 64</u>
Total Charges . . . . .	\$17,686,500 04

*Operating Revenues:*

District Assessments . . . . .	\$ 6,368,925 92
Proceeds from Sale of Water Use Development Loan Bonds . . . . .	<u>4,584,000 00</u> \$10,952,925 92

*Other Revenues:*

Direct . . . . .	\$ 1,212,182 61
Transfer Receipts . . . . .	<u>53,000 00</u> 1,265,182 61 12,218,108 53

*Fund Requirements, June 30, 1962:*

Maintenance . . . . .	\$ 1,731,598 71
Debt Service . . . . .	<u>3,736,792 80</u> \$ 5,468,391 51

\* Includes \$1,887.40 credit to the Town of Brookline.

Balance to be borrowed under Section 7, Chapter 549, Acts of 1946 as amended . . . . . \$5,460,000 00

## METROPOLITAN WATER ASSESSMENTS FOR 1962

Cities and Towns	Total Consumption for 1961 in Million Gallons	1962 Charge at \$80 per Million Gallons (Ch. 618, Acts of 1953)	Proportion for Computing Share of Debt
Arlington . . . . .	1,723.757	\$ 137,900 56	.020959
Belmont . . . . .	865.360	69,228 80	.010522
Boston . . . . .	43,992.818	3,519,425 44	.534912
Brookline . . . . .	2,234.626	178,770 08	.027171
Cambridge <sup>1</sup> . . . . .	32,863	2,629 04	.000399
Chelsea . . . . .	1,365.668	109,253 44	.016605
Everett . . . . .	3,255.790	260,463 20	.039587
Lexington . . . . .	1,157.805	92,624 40	.014078
Lynnfield Water District . . . . .	82.741	6,619 28	.001006
Malden . . . . .	1,993.183	159,454 64	.024235
Marblehead . . . . .	525.405	42,032 40	.006388
Medford . . . . .	2,282.214	182,577 12	.027750
Melrose . . . . .	796.091	63,687 28	.009680
Milton . . . . .	741.506	59,320 48	.009016
Nahant . . . . .	126.053	10,084 24	.001533
Needham <sup>1</sup> . . . . .	269.540	21,563 20	.003277
Newton . . . . .	4,178.185	334,254 80	.050803
Norwood . . . . .	1,104.280	88,342 40	.013427
Peabody <sup>1</sup> . . . . .	39.390	3,151 20	.000479
Quincy . . . . .	3,381.304	270,504 32	.041114
Revere . . . . .	1,165.520	93,241 60	.014172
Saugus . . . . .	519.718	41,577 44	.006319
Somerville . . . . .	3,642.427	291,394 16	.044289
Stoneham . . . . .	644.091	51,527 28	.007832
Swampscott . . . . .	415.305	33,224 40	.005050
Wakefield <sup>2</sup> . . . . .	249.995	19,999 60	.003040
Waltham . . . . .	2,717.029	217,362 32	.033037
Watertown . . . . .	1,776.046	142,083 68	.021595
Winchester <sup>1</sup> . . . . .	289.682	23,174 56	.003522
Winthrop . . . . .	674.670	53,973 60	.008203
	82,243.062	\$6,579,444 96	1.000000

<sup>1</sup> Partial Supply only.<sup>2</sup> Does not include assess. of \$3,306.64, Art. 3 of Wakefield Agreement.

Note: Not included in above:

## Assessment for Water Connections:

- Lexington—first of ten payments \$33,000.00.  
 Needham—third of ten payments \$84,622.20.  
 Norwood—sixth of ten payments \$95,000.00.  
 Saugus—tenth of ten payments \$11,870.27.  
 Wakefield—fourth of ten payments \$16,861.20.

## Assessment for Entrance Fees:

- Needham—third of ten payments \$13,281.50.  
 Peabody—fifth of ten payments \$11,380.00.  
 Wakefield—fourth of ten payments \$10,954.40.  
 Winchester—fifth of ten payments \$16,171.40.

Credit to Brookline for property acquired: tenth of twenty-five payments \$1,887.40.

Credit to Boston over-assessments 1960 and 1961 due to defective meters \$13,553.44.

**COMPARISON OF ASSESSMENTS 1961 AND 1962  
WITH REVENUE FROM WATER RATES IN 1961**

Cities and Towns	Water Assessments		Water Revenue Received by Cities and Towns 1961
	1961	1962	
Arlington . . . . .	\$ 148,685 36	\$ 137,900 56	\$ 355,961 19
Belmont . . . . .	70,487 36	69,228 80	291,399 67a
Boston . . . . .	3,398,062 32	3,519,425 44	7,444,649 93
Brookline . . . . .	166,580 80	178,770 08	576,257 49a
Cambridge . . . . .	1,539 76	2,629 04	1,221,971 61
Chelsea . . . . .	109,491 04	109,253 44	312,829 44
Everett . . . . .	256,280 08	260,463 20	560,929 02
Lexington . . . . .	82,852 48	92,624 40	250,176 40
Lynnfield Water District . . . . .	6,040 56	6,619 28	66,842 62ab
Malden . . . . .	148,303 44	159,454 64	409,204 96a
Marblehead . . . . .	43,425 60	42,032 40	205,003 13a
Medford . . . . .	165,966 56	182,577 12	488,705 37a
Melrose . . . . .	59,897 76	63,687 28	216,156 31ab
Milton . . . . .	58,628 24	59,320 48	226,842 94ab
Nahant . . . . .	10,351 92	10,084 24	27,075 52
Needham . . . . .	22,424 80	21,563 20	330,942 45b
Newton . . . . .	315,385 20	334,254 80	832,555 30ab
Norwood . . . . .	88,030 00	88,342 40	308,195 94b
Peabody . . . . .	4,120 00	3,151 20	361,538 42a
Quincy . . . . .	262,987 20	270,504 32	830,692 98
Revere . . . . .	105,215 92	93,241 60	253,531 13
Saugus . . . . .	40,784 88	41,577 44	167,500 18
Somerville . . . . .	271,729 60	291,394 16	671,619 18
Stoneham . . . . .	61,797 36	51,527 28	168,729 60
Swampscott . . . . .	34,186 24	33,224 40	149,212 17
Wakefield . . . . .	28,608 80	19,999 60	476,919 80b
Waltham . . . . .	203,192 88	217,362 32	678,361 32b
Watertown . . . . .	132,688 16	142,083 68	347,039 80a
Winchester . . . . .	15,839 68	23,174 56	247,382 84
Winthrop . . . . .	55,341 92	53,973 60	139,506 03ab
	<hr/>	<hr/>	<hr/>
	\$6,368,925 92	\$6,579,444 96	\$18,617,732 74

a Includes money received from municipal department.

b Includes money received from hydrant rentals.

**METROPOLITAN PARKS DISTRICT**  
**METROPOLITAN PARKS DEBT**

Gross (and net) June 30, 1962

Bonds outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 . . . . .	\$1,318,000 00
Charles River Basin Improvement Loan Act of 1957 . . . . .	1,160,000 00
Charles River Flood Control, Act of 1955 . . . . .	815,000 00
Metropolitan District Beach Erosion Loan Act of 1956 . . . . .	1,830,000 00
Metropolitan District Commission Recreational Loan Act of 1955 . . . . .	800,000 00
Metropolitan District Commission, Recreational Loan, Act of 1957 . . . . .	4,353,000 00
Metropolitan District Commission Recreational Loan, Act of 1959 . . . . .	4,370,000 00
Mystic River Dam Loan, Act of 1957 . . . . .	242,000 00
Metropolitan District Park Loan Act of 1961 . . . . .	500,000 00
Total net parks debt June 30, 1962 . . . . .	<u>\$15,388,000 00</u>

**METROPOLITAN PARKS EXPENSES**

Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage Flood Control, Act of 1955 . . . . .	\$ 82,000 00	\$ 38,604 00
Charles River Basin Improve- ment Loan, Act of 1957 . . . . .	40,000 00	39,825 00
Charles River Flood Control, Act of 1955 . . . . .	50,000 00	27,037 50
Metropolitan District Beach Erosion Loan, Act of 1956 . . . . .	—	60,116 25
Metropolitan District Commis- sion Recreational Loan, Act of 1955 . . . . .	50,000 00	25,500 00
Metropolitan District Commis- sion Recreational Loan, Act of 1957 . . . . .	247,000 00	146,486 50
Mystic River Dam Loan, Act of 1957 . . . . .	8,000 00	7,995 00
Metropolitan District Commis- sion Recreational Loan, Act of 1959 . . . . .	208,529 50	136,238 34
Metropolitan District Park Loan Act of 1961 . . . . .	—	7,620 84
Interest on Average Monthly Deficit . . . . .	\$685,529 50	\$489,423 43
		1,920 98
Maintenance as appropriated by the Legislature . . . . .	\$491,344 41	\$1,176,873 91
		3,957,744 49
Total Metropolitan Parks expenses to be assessed . . . . .		<u>\$5,134,618 40</u>

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements**  
**as Determined by the Metropolitan District Commission.**

Cities and Towns	Valuation Ch. 559, Acts of 1945	Valuation Per cent Note 1	Population 1960 Census	Population Per Cent	Average Per Cent Ch. 554, Acts of 1949 (Note 2)
Arlington . . . . .	\$ 63,327,779	.018132	49,953	.024626	.020297
Belmont . . . . .	57,954,895	.016594	28,715	.014156	.015781
Boston . . . . .	1,437,779,078	.411665	697,197	.343706	.389012
Braintree . . . . .	31,968,400	.009153	31,069	.015316	.011207
Brookline . . . . .	164,949,098	.047228	54,044	.026643	.040366
Cambridge . . . . .	188,515,872	.053976	107,716	.053102	.053685
Canton . . . . .	10,101,349	.002892	12,771	.006296	.004027
Chelsea . . . . .	46,441,609	.013297	33,749	.016638	.014411
Dedham . . . . .	29,105,423	.008333	23,869	.011767	.009478
Dover . . . . .	6,325,116	.001811	2,846	.001403	.001675
Everett . . . . .	88,165,414	.025244	43,544	.021466	.023985
Hingham . . . . .	18,999,428	.005440	15,378	.007581	.006154
Hull . . . . .	17,900,393	.005125	7,055	.003478	.004576
Lynn . . . . .	151,194,710	.043290	94,478	.046576	.044386
Malden . . . . .	77,119,332	.022081	57,676	.028433	.024198
Medford . . . . .	86,696,291	.024823	64,971	.032030	.027225
Melrose . . . . .	43,827,859	.012549	29,619	.014602	.013233
Milton . . . . .	44,725,770	.012806	26,375	.013002	.012871
Nahant . . . . .	5,722,850	.001639	3,960	.001952	.001743
Needham . . . . .	30,261,434	.008664	25,793	.012715	.010014
Newton . . . . .	181,961,300	.052099	92,384	.045544	.049914
Quincy . . . . .	145,077,833	.041539	87,409	.043091	.042056
Revere . . . . .	42,040,213	.012037	40,080	.019759	.014611
Saugus . . . . .	17,446,731	.004995	20,666	.010188	.006726
Somerville . . . . .	122,784,622	.035156	94,697	.046684	.038999
Stoneham . . . . .	16,420,347	.004702	17,821	.008785	.006063
Swampscott . . . . .	26,905,763	.007704	13,294	.006554	.007321
Wakefield . . . . .	24,960,810	.007147	24,295	.011977	.008757
Waltham . . . . .	62,078,958	.017774	55,413	.027318	.020955
Watertown . . . . .	59,318,707	.016984	39,092	.019272	.017747
Wellesley . . . . .	49,542,385	.014185	26,071	.012853	.013741
Weston . . . . .	12,634,820	.003618	8,261	.004072	.003769
Westwood . . . . .	8,630,467	.002471	10,354	.005104	.003349
Weymouth . . . . .	57,187,043	.016374	48,177	.023750	.018833
Winchester . . . . .	37,874,919	.010844	19,376	.009552	.010413
Winthrop . . . . .	26,644,419	.007629	20,303	.010009	.008422
	\$3,492,591,437	1.000000	2,028,471	1.000000	1.000000
Cohasset (Note 3) .	11,063,194	.003158	5,840	.002871	.000245
	\$3,503,654,631		2,034,311		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance—(8% of its proportion)

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Total Assessments**

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington . . .	\$ 12,430 02	\$ 8,909 06	\$ 80,310 66	\$ 101,649 74
Belmont . . .	11,375 68	8,153 37	62,441 86	81,970 91
Boston . . .	282,208 50	202,269 30	1,539,232 89	2,023,710 69
Braintree . . .	6,274 65	4,497 28	44,343 58	55,115 51
Brookline . . .	32,376 19	23,205 22	159,719 17	215,300 58
Cambridge . . .	37,002 14	26,520 81	212,419 46	275,942 41
Canton . . .	1,982 55	1,420 97	15,933 93	19,337 45
Chelsea . . .	9,115 49	6,533 41	57,021 08	72,669 98
Cohasset . . .	—	—	969 65	969 65
Dedham . . .	5,712 52	4,094 37	37,502 31	47,309 20
Dover . . .	1,241 49	889 82	6,627 60	8,758 91
Everett . . .	17,305 51	12,403 50	94,903 24	124,612 25
Hingham . . .	3,729 28	2,672 91	24,349 99	30,752 18
Hull . . .	3,513 34	2,518 14	18,106 20	24,137 68
Lynn . . .	29,676 57	21,270 30	175,625 41	226,572 28
Malden . . .	15,137 18	10,849 38	95,746 04	121,732 60
Medford . . .	17,016 90	12,196 64	107,723 20	136,936 74
Melrose . . .	8,602 71	6,165 88	52,360 00	67,128 59
Milton . . .	8,778 89	6,292 16	50,927 65	65,998 70
Nahant . . .	1,123 58	805 31	6,896 66	8,825 55
Needham . . .	5,939 43	4,257 00	39,623 14	49,819 57
Newton . . .	35,715 40	25,598 55	197,498 46	258,812 41
Quincy . . .	28,476 20	20,409 96	166,406 12	215,292 28
Revere . . .	8,251 72	5,914 30	57,812 44	71,978 46
Saugus . . .	3,424 22	2,454 27	26,613 27	32,491 76
Somerville . . .	24,100 48	17,273 70	154,310 26	195,684 44
Stoneham . . .	3,223 36	2,310 30	23,989 93	29,523 59
Swampscott . . .	5,281 32	3,785 32	28,967 55	38,034 19
Wakefield . . .	4,899 48	3,511 64	34,649 48	43,060 60
Waltham . . .	12,184 60	8,733 16	82,914 22	103,831 98
Watertown . . .	11,643 03	8,344 99	70,220 88	90,208 90
Wellesley . . .	9,724 24	6,969 72	54,370 04	71,064 00
Weston . . .	2,480 25	1,777 68	14,913 08	19,171 01
Westwood . . .	1,693 94	1,214 11	13,251 24	16,159 29
Weymouth . . .	11,224 86	8,045 27	74,517 94	93,788 07
Winchester . . .	7,433 83	5,328 14	41,201 90	53,963 92
Winthrop . . .	5,229 90	3,748 47	33,323 96	42,302 33
	\$685,529 50	\$491,344 41	\$3,957,744 49	\$5,134,618 40

## METROPOLITAN PARKS AND SEWERAGE DISTRICTS

*Comparison of Assessments 1961 and 1962*

Cities and Towns	Parks		Sewerage	
	1961	1962	1961	1962
Arlington . . .	\$ 93,231 12	\$ 101,649 74	\$ 163,099 06	\$ 167,153 20
Belmont . . .	74,547 08	81,970 91	98,739 46	101,542 08
Boston . . .	1,839,672 12	2,023,710 69	1,265,386 33	1,290,828 70
Braintree . . .	50,769 36	55,115 51	74,844 60	81,089 22
Brookline . . .	194,618 38	215,300 58	206,857 88	211,116 67
Cambridge . . .	251,543 83	275,942 41	740,350 07	733,411 50
Canton . . .	17,918 57	19,337 45	50,123 03	53,723 41
Chelsea . . .	66,539 96	72,669 98	185,689 97	188,128 85
Cohasset . . .	951 80	969 65	—	—
Dedham . . .	43,427 15	47,309 20	84,369 87	86,739 04
Dover . . .	7,961 88	8,758 91	—	—
Everett . . .	113,313 45	124,612 25	186,004 41	190,181 06
Framingham . . .	—	—	75,475 02	83,758 04
Hingham . . .	28,217 60	30,752 18	25,900 46	25,377 70
Hull . . .	21,876 23	24,137 68	—	—
Lexington . . .	—	—	41,916 58	46,998 25
Lynn . . .	206,871 40	226,572 28	—	—
Malden . . .	111,531 29	121,732 60	196,316 51	201,578 79
Medford . . .	125,463 61	136,936 74	338,649 85	339,235 78
Melrose . . .	61,381 45	67,128 59	162,734 64	162,889 31
Milton . . .	60,197 34	65,998 70	182,046 40	175,155 92
Nahant . . .	8,074 33	8,825 55	—	—
Natick . . .	—	—	60,830 92	66,482 66
Needham . . .	45,768 44	49,819 57	38,522 46	43,689 85
Newton . . .	235,450 86	258,812 41	447,850 89	450,874 00
Norwood . . .	—	—	88,490 67	89,627 29
Quincy . . .	196,443 14	215,292 28	392,798 99	395,633 77
Randolph . . .	—	—	53,819 83	57,547 34
Reading . . .	—	—	32,540 77	36,435 05
Revere . . .	66,277 06	71,978 46	116,330 24	121,131 83
Saugus . . .	30,062 04	32,491 76	—	—
Somerville . . .	179,388 55	195,684 44	328,022 31	339,471 99
Stoneham . . .	27,171 10	29,523 59	76,974 68	77,617 10
Stoughton . . .	—	—	26,875 07	29,796 89
Swampscott . . .	34,585 13	38,034 19	—	—
Wakefield . . .	39,667 59	43,060 60	93,827 05	95,207 29
Walpole . . .	—	—	33,664 85	35,680 27
Waltham . . .	95,473 16	103,831 98	178,035 74	184,440 03
Watertown . . .	82,449 66	90,208 90	147,806 47	151,175 23
Wellesley . . .	64,691 60	71,064 00	54,927 44	57,897 64
Weston . . .	17,521 34	19,171 01	—	—
Westwood . . .	14,952 41	16,159 29	16,642 77	34,622 12
Weymouth . . .	86,129 68	93,788 07	146,298 29	155,014 79
Wilmington . . .	—	—	14,171 69	27,153 62
Winchester . . .	49,103 71	53,963 92	179,314 10	170,911 87
Winthrop . . .	38,773 31	42,302 33	84,965 17	85,680 87
Woburn . . .	42,874 02	—	176,774 90	176,272 46
	\$4,724,890 75	\$5,134,618 40	\$6,867,989 44	\$7,021,271 48

## METROPOLITAN SEWERAGE DISTRICT

### METROPOLITAN SEWERAGE DEBT

Gross (and Net) debt June 30, 1962

#### Bonds outstanding (serial):

Sewerage Loan, North System . . . . .	\$ 1,386,000 00
District Sewerage Loan, Act of 1949 . . . . .	21,934,000 00
Sewerage Loan, Act of 1951 (Ch. 645) . . . . .	22,323,000 00
Sewerage Loan, North District, Act of 1951 (Ch. 757) . . . . .	841,000 00
District Sewerage Loan, North System, Act of 1954 (Ch. 452) . . . . .	649,000 00
Metropolitan District Sewerage Loan Act of 1954 (Ch. 399) . . . . .	901,000 00
North Metropolitan Sewerage Loan, Act of 1955 . . . . .	492,000 00
Metropolitan District Sewerage Loan, North System, Act of 1958 . . . . .	135,000 00
Sewerage Loan, South System . . . . .	5,850,000 00
Metropolitan Sewerage Loan—South System (Hingham) . . . . .	125,000 00
District Sewerage Loan, Act of 1951 (Ch. 527) . . . . .	1,531,000 00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . . . .	1,712,000 00
District Sewerage Loan Act of 1953 . . . . .	762,000 00
District Sewerage Loan Act of 1954 . . . . .	460,000 00
District Sewerage Loan, Act of 1955 (Ch. 410) . . . . .	1,074,000 00
District Sewerage Loan, Act of 1955 (Ch. 551) . . . . .	835,000 00
District Sewerage Loan, Act of 1957 (Ch. 710) . . . . .	901,000 00
District Sewerage Loan Act of 1957 (Ch. 764) . . . . .	449,000 00
	<u>\$62,360,000 00</u>

### METROPOLITAN SEWERAGE EXPENSES

#### Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Sewerage Loan, North System . . . . .	\$ 145,000 00	\$ 25,965 00
District Sewerage Loan, Act of 1949 . . . . .	836,000 00	700,287 50
Sewerage Loan, Act of 1951 (Ch. 645) . . . . .	777,000 00	543,632 50
Sewerage Loan, North System, Act of 1951 (Ch. 757) . . . . .	—	18,502 00
District Sewerage Loan, North System, Act of 1954 (Ch. 452) . . . . .	25,000 00	20,023 75
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399) . . . . .	25,339 86	31,535 00
North Metropolitan Sewerage Loan, Act of 1955 . . . . .	92,000 00	11,070 00
Metropolitan District Sewerage Loan, North System, Act of 1958 . . . . .	5,000 00	4,725 00
Sewerage Loan, South System . . . . .	567,851 22	117,935 00
Metropolitan Sewerage Loan, South System (Hingham) . . . . .	19,184 08	2,812 50
District Sewerage Loan, Act of 1951 (Ch. 527) . . . . .	41,127 74	33,682 00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . . . .	74,000 00	39,520 25
District Sewerage Loan, Act of 1953 . . . . .	11,676 82	16,764 00
District Sewerage Loan, Act of 1954 . . . . .	—	12,402 50
District Sewerage Loan, Act of 1955 (Ch. 410) . . . . .	42,000 00	32,558 75
District Sewerage Loan, Act of 1955 (Ch. 551) . . . . .	29,877 55	22,508 75
District Sewerage Loan, Act of 1957 (Ch. 710) . . . . .	19,337 51	31,535 00
District Sewerage Loan, Act of 1957 (Ch. 764) . . . . .	17,000 00	15,715 00
Interest on Average Monthly Deficit . . . . .	—	6,436 90
	<u>\$2,727,394 78</u>	<u>\$1,687,611 40</u>
Maintenance . . . . .		\$4,415,006 18
Total Metropolitan Sewerage Expenses . . . . .		2,606,265 30
		<u><u>\$7,021,271 48</u></u>

North and South Systems combined under Chapter 612, Acts of 1959.

## METROPOLITAN SEWERAGE DISTRICT

RATIOS OF CONTRIBUTION ON THE BASIS OF CHAP. 612, ACTS OF 1959, AND THE  
 CENSUS RETURNS OF 1960, AS DETERMINED BY THE METROPOLITAN  
 DISTRICT COMMISSION, SEWERAGE DIVISION

City or Town	Ratios in Percentage for Principal and Interest Chap. 612 Acts of 1959 <sup>1</sup>	Population U. S. Census 1960	Ratios in Percentage for Maintenance Fiscal Year Ending June 30, 1962
Arlington . . .	2.08	49,953	2.89
Belmont . . .	1.32	28,715	1.66
Boston . . .	18.34	319,636	18.46
Braintree . . .	0.78	31,069	1.79
Brookline . . .	2.94	54,044	3.12
Cambridge . . .	12.94	107,716	6.22
Canton . . .	0.78	12,771	0.74
Chelsea . . .	3.11	33,749	1.95
Dedham . . .	1.15	23,869	1.38
Everett . . .	2.82	43,544	2.52
Framingham . . .	0.38	44,526	2.57
Hingham . . .	0.38	5,700	0.33
Lexington . . .	0.12	27,691	1.60
Malden . . .	2.60	57,676	3.33
Medford . . .	5.47	64,971	3.75
Melrose . . .	2.68	29,619	1.71
Milton . . .	3.07	26,375	1.52
Natick . , .	0.52	28,831	1.67
Needham . . .	0.11	25,793	1.49
Newton . . .	7.06	92,384	5.34
Norwood . . .	1.18	24,898	1.44
Quincy . . .	5.98	87,409	5.05
Randolph . . .	0.66	18,900	1.09
Reading . . .	0.17	19,259	1.11
Revere . . .	1.38	40,080	2.31
Somerville . . .	4.46	94,697	5.47
Stoneham . . .	1.15	17,821	1.03
Stoughton . . .	0.12	16,328	0.94
Wakefield . . .	1.33	24,295	1.40
Walpole . . .	0.33	14,068	0.81
Waltham . . .	2.20	58,068 <sup>2</sup>	3.35
Watertown . . .	2.09	39,092	2.26
Wellesley . . .	0.42	26,071	1.51
Westwood . . .	0.43	10,354	0.60
Weymouth . . .	1.87	48,177	2.78
Wilmington . . .	0.19	12,475	0.72
Winchester . . .	3.21	19,376	1.12
Winthrop . . .	1.25	20,303	1.17
Woburn . . .	2.93	31,214	1.80
Totals . . .	100.00	1,731,517	100.00

<sup>1</sup> Revised in accordance with Chap. 230, Acts of 1961.<sup>2</sup> Including 2655 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

**METROPOLITAN SEWERAGE DISTRICT**  
**Total Assessments**

City or Town	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 56,729 81	\$ 35,102 32	\$ 75,321 07	\$ 167,153 20
Belmont	36,001 61	22,276 47	43,264 00	101,542 08
Boston	500,204 20	309,507 93	481,116 57	1,290,828 70
Braintree	21,273 70	13,163 37	46,652 15	81,089 22
Brookline	80,185 41	49,615 78	81,315 48	211,116 67
Cambridge	352,924 88	218,376 92	162,109 70	733,411 50
Canton	21,273 68	13,163 37	19,286 36	53,723 41
Chelsea	84,821 97	52,484 71	50,822 17	188,128 85
Dedham	31,365 05	19,407 53	35,966 46	86,739 04
Everett	76,912 53	47,590 64	65,677 89	190,181 06
Framingham	10,364 10	6,412 92	66,981 02	83,758 04
Hingham	10,364 10	6,412 92	8,600 68	25,377 70
Lexington	3,272 87	2,025 13	41,700 25	46,998 25
Malden	70,912 26	43,877 90	86,788 63	201,578 79
Medford	149,188 49	92,312 34	97,734 95	339,235 78
Melrose	73,094 18	45,227 99	44,567 14	162,889 31
Milton	83,731 02	51,809 67	39,615 23	175,155 92
Natick	14,182 45	8,775 58	43,524 63	66,482 66
Needham	3,000 13	1,856 37	38,833 35	43,689 85
Newton	192,554 07	119,145 36	139,174 57	450,874 00
Norwood	32,183 26	19,913 81	37,530 22	89,627 29
Quincy	163,098 21	100,919 16	131,616 40	395,633 77
Randolph	18,000 81	11,138 24	28,408 29	57,547 34
Reading	4,636 57	2,868 94	28,929 54	36,435 05
Revere	37,638 05	23,289 05	60,204 73	121,131 83
Somerville	121,641 81	75,267 47	142,562 71	339,471 99
Stoneham	31,365 04	19,407 53	26,844 53	77,617 10
Stoughton	3,272 87	2,025 13	24,498 89	29,796 89
Wakefield	36,274 35	22,445 23	36,487 71	95,207 29
Walpole	9,000 40	5,569 12	21,110 75	35,680 27
Waltham	60,002 69	37,127 45	87,309 89	184,440 03
Watertown	57,002 55	35,271 08	58,901 60	151,175 23
Wellesley	11,455 06	7,087 97	39,354 61	57,897 64
Westwood	11,727 80	7,256 73	15,637 59	34,622 12
Weymouth	51,002 28	31,558 33	72,454 18	155,014 79
Wilmington	5,182 05	3,206.46	18,765 11	27,153 62
Winchester	87,549 37	54,172 33	29,190 17	170,911 87
Winthrop	34,092 43	21,095 14	30,493 30	85,680 87
Woburn	79,912 67	49,447 01	46,912 78	176,272 46
	<hr/> \$2,727,394 78	<hr/> \$1,687,611 40	<hr/> \$2,606,265 30	<hr/> \$7,021,271 48

North and South Systems combined under Chapter 612, Acts of 1959.

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Net Debt June 30, 1962	\$62,360,000 00	\$106,448,000 00	\$15,388,000 00	\$184,196,000 00
Arlington . . .	\$ 1,297,088 00	\$ 2,231,043 63	\$ 279,015 22	\$ 3,807,146 85
Belmont . . .	823,152 00	1,120,045 86	255,348 47	2,198,546 33
Boston . . .	11,436,824 00	56,940,312 58	6,334,701 02	74,711,837 60
Braintree . . .	486,408 00	—	140,846 36	627,254 36
Brookline . . .	1,833,384 00	2,892,298 61	726,744 46	5,452,427 07
Cambridge . . .	8,069,384 00	42,472 75	830,582 69	8,942,439 44
Canton . . .	486,408 00	—	44,502 10	530,910 10
Chelsea . . .	1,939,396 00	1,767,569 04	204,614 24	3,911,579 28
Dedham . . .	717,140 00	—	128,228 20	845,368 20
Dover . . .	—	—	27,867 67	27,867 67
Everett . . .	1,758,552 00	4,213,956 98	388,454 67	6,360,963 65
Framingham . . .	236,968 00	—	—	236,968 00
Hingham . . .	236,968 00	—	83,710 72	320,678 72
Hull . . .	—	—	78,863 50	78,863 50
Lexington . . .	74,832 00	1,498,574 94	—	1,573,406 94
Lynn . . .	—	—	666,146 52	666,146 52
Lynnfield Water District	—	107,086 69	—	107,086 69
Malden . . .	1,621,360 00	2,579,767 28	339,782 43	4,540,909 71
Marblehead . . .	—	679,989 82	—	679,989 82
Medford . . .	3,411,092 00	2,953,932 00	381,976 32	6,747,000 32
Melrose . . .	1,671,248 00	1,030,416 64	193,104 01	2,894,768 65
Milton . . .	1,914,452 00	959,735 17	197,058 73	3,071,245 90
Nahant . . .	—	163,184 78	25,220 93	188,405 71
Natick . . .	324,272 00	—	—	324,272 00
Needham . . .	68,596 00	348,830 10	133,321 63	550,747 73
Newton . . .	4,402,616 00	5,407,877 74	801,699 41	10,612,193 15
Norwood . . .	735,848 00	1,429,277 30	—	2,165,125 30
Peabody . . .	—	50,988 59	—	50,988 59
Quincy . . .	3,729,128 00	4,376,503 07	639,202 13	8,744,833 20
Randolph . . .	411,576 00	—	—	411,576 00
Reading . . .	106,012 00	—	—	106,012 00
Revere . . .	860,568 00	1,508,581 05	185,225 36	2,554,374 41
Saugus . . .	—	672,644 91	76,863 06	749,507 97
Somerville . . .	2,781,256 00	4,714,475 47	540,980 53	8,036,712 00
Stoneham . . .	717,140 00	833,700 74	72,354 38	1,623,195 12
Stoughton . . .	74,832 00	—	—	74,832 00
Swampscott . . .	—	537,562 40	118,549 15	656,111 55
Wakefield . . .	829,388 00	323,601 92	109,978 04	1,262,967 96
Walpole . . .	205,788 00	—	—	205,788 00
Waltham . . .	1,371,920 00	3,516,722 58	273,506 31	5,162,148 89
Watertown . . .	1,303,324 00	2,298,744 56	261,349 80	3,863,418 36
Wellesley . . .	261,912 00	—	218,278 78	480,190 78
Weston . . .	—	—	55,673 78	55,673 78
Westwood . . .	268,148 00	—	38,023 75	306,171 75
Weymouth . . .	1,166,132 00	—	251,963 11	1,418,095 11
Wilmington . . .	118,484 00	—	—	118,484 00
Winchester . . .	2,001,756 00	374,909 86	166,867 47	2,543,533 33
Winthrop . . .	779,500 00	873,192 94	117,395 05	1,770,087 99
Woburn . . .	1,827,148 00	—	—	1,827,148 00
	\$62,360,000 00	\$106,448,000 00	\$15,388,000 00	\$184,196,000 00



SS.  
DCS.  
OLL.

The Commonwealth of Massachusetts

1963

# ASSESSMENTS

FOR

INTEREST, SERIAL BONDS  
AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

---

Compiled in the Office of  
JOHN T. DRISCOLL  
TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1963

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1961, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1962, bonds have been issued as follows:

Metropolitan District Park Loan, Act of 1961 . . . . .	\$ 2,000,000
Metropolitan Sewerage Loan, Act of 1961 . . . . .	13,800,000
Metropolitan Water District Additional Loan, Act of 1956 . . . . .	2,600,000
Metropolitan Water District Additional Loan, Act of 1961 . . . . .	1,000,000
Neponset River Drainage and Flood Control, Act of 1955 . . . . .	340,000
Metropolitan District Commission Recreational Loan, Act of 1962 . . . . .	1,000,000
Metropolitan Water District-Water Use Development Loan . . . . .	5,460,000

## METROPOLITAN SEWER

Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt

incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

#### METROPOLITAN WATER

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five. All payments made as annual assessments, in accordance with section twenty-six, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-five.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirements of metropolitan water district bonds shall be credited

to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total of operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to

their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

—*Section 59A.* Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

JOHN T. DRISCOLL  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1963

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington . . . . .	\$ 207,990 00	\$ 108,144 67	\$ 182,741 70	\$ 498,876 37
Belmont . . . . .	100,151 64	87,393 21	111,651 77	299,196 62
Boston . . . . .	5,132,797 20	2,157,763 67	1,426,934 78	8,717,495 65
Braintree . . . . .	—	58,573 57	87,658 68	146,232 25
Brookline . . . . .	274,373 04	229,883 77	233,094 21	737,351 02
Cambridge <sup>1</sup> . . . . .	2,192 40	294,019 16	815,156 48	1,111,368 04
Canton . . . . .	—	20,520 82	59,947 76	80,468 58
Chelsea . . . . .	172,347 00	77,344 55	211,567 42	461,258 97
Cohasset . . . . .	—	1,015 40	—	1,015 40
Dedham . . . . .	—	50,322 12	95,623 99	145,946 11
Dover . . . . .	—	9,341 87	—	9,341 87
Everett . . . . .	372,643 08	132,856 90	211,359 65	716,859 63
Framingham . . . . .	—	—	86,178 88	86,178 88
Hingham . . . . .	—	32,712 84	28,163 55	60,876 39
Hull . . . . .	—	25,756 72	—	25,756 72
Lexington . . . . .	154,930 44	—	47,634 25	202,564 69
Lynn . . . . .	—	241,318 44	—	241,318 44
Lynnfield Water District . . . . .	9,994 20	—	—	9,994 20
Malden . . . . .	249,789 48	129,545 06	220,981 40	600,315 94
Marblehead . . . . .	66,358 56	—	—	66,358 56
Medford . . . . .	284,062 56	145,723 49	382,597 74	812,383 79
Melrose . . . . .	88,830 24	71,471 64	182,637 49	342,939 37
Milton . . . . .	92,950 44	70,312 49	198,365 64	361,628 57
Nahant . . . . .	16,089 24	9,395 53	—	25,484 77
Natick . . . . .	—	—	70,096 33	70,096 33
Needham <sup>1, 2</sup> . . . . .	35,704 80	52,981 96	44,269 06	132,955 82
Newton . . . . .	496,374 72	275,905 04	504,309 75	1,276,589 51
Norwood . . . . .	138,327 60	—	98,210 43	236,538 03
Peabody <sup>1</sup> . . . . .	10,712 76	—	—	10,712 76
Quincy . . . . .	395,297 52	229,342 18	442,078 73	1,066,718 43
Randolph . . . . .	—	—	60,236 78	60,236 78
Reading . . . . .	—	—	37,524 54	37,524 54
Revere . . . . .	135,575 52	76,502 39	131,583 93	343,661 84
Saugus . . . . .	65,853 12	34,492 80	—	100,345 92
Somerville . . . . .	398,726 28	208,211 19	373,457 55	980,395 02
Stoneham . . . . .	76,416 84	31,357 14	86,559 09	194,333 07
Stoughton . . . . .	—	—	30,024 22	30,024 22
Swampscott . . . . .	49,984 92	40,550 52	—	90,535 44
Wakefield <sup>1</sup> . . . . .	42,608 88	45,761 94	104,917 85	193,288 67
Walpole . . . . .	—	—	38,014 27	38,014 27
Waltham . . . . .	335,636 64	110,396 33	200,334 07	646,367 04
Watertown . . . . .	210,422 28	96,056 46	166,424 88	472,903 62
Wellesley . . . . .	—	75,745 98	60,790 11	136,536 09
Weston . . . . .	—	20,414 52	—	20,414 52
Westwood . . . . .	—	17,153 26	37,737 60	54,890 86
Weymouth . . . . .	—	99,747 36	168,535 73	268,283 09
Wilmington . . . . .	—	—	28,456 10	28,456 10
Winchester <sup>1</sup> . . . . .	35,252 64	57,526 06	192,135 58	284,914 28
Winthrop . . . . .	80,808 00	45,013 03	95,347 33	221,168 36
Woburn . . . . .	—	—	198,906 60	198,906 60
	\$9,733,202 04*	\$5,470,574 08	\$7,752,245 92	\$22,956,022 04

\* Does not include special assessments shown at bottom of Page 10.

<sup>1</sup> Partial Supply only.<sup>2</sup> Does not include assessment of \$91.32, Art. 7 of Needham Agreement.

# METROPOLITAN WATER DISTRICT

## METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1963

### Bonds outstanding (serial)

Water Loan . . . . .	\$ 25,000 00
Additional Water Loan . . . . .	16,606,000 00
Water Use Development Loan . . . . .	49,686,000 00
Water Main Loan, Act of 1949 . . . . .	1,980,000 00
Water Main Loan, Act of 1954 . . . . .	1,163,000 00
Water Main Loan, Act of 1957 . . . . .	1,872,000 00
Water Main Loan, Act of 1959 . . . . .	932,000 00
Water Loan, Act of 1950 . . . . .	11,307,000 00
Water Loan, Act of 1952 . . . . .	5,845,000 00
Clinton Sewage Loan . . . . .	474,000 00
Metropolitan Water District Additional Loan, Act of 1956 . . . . .	19,324,000 00
Metropolitan Water District Additional Loan, Act of 1961 . . . . .	1,000,000 00
Total net water debt June 30, 1963 . . . . .	<u>\$110,214,000 00</u>

### METROPOLITAN WATER EXPENSES

#### Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Water Loan . . . . .	\$ 56,000 00	\$ 3,240 00
Additional Water Loan . . . . .	2,021,000 00	322,422 50
Water Use Development Loan . . . . .	1,988,500 44	1,160,279 00
Water Main Loan, Act of 1949 . . . . .	110,000 00	35,530 00
Water Main Loan, Act of 1954 . . . . .	50,601 57	30,792 00
Water Main Loan, Act of 1957 . . . . .	76,000 00	65,160 00
Water Main Loan, Act of 1959 . . . . .	34,000 00	32,326 25
Water Loan, Act of 1950 . . . . .	387,000 00	274,152 50
Water Loan, Act of 1952 . . . . .	160,000 00	179,012 50
Clinton Sewage Loan, Act of 1954 . . . . .	22,000 00	8,487 50
Metropolitan Water District Additional Loan, Act of 1956 . . . . .	355,220 26	608,693 03
Metropolitan Water District Additional Loan, Act of 1961 . . . . .	(299 90)	12,522 22
*Water Connection Loan (Wakefield) . . . . .	175,000 00	17,500 00
Interest on Average Monthly Def- icit . . . . .		27,636 62
	<u>\$5,435,022 37</u>	<u>\$2,777,754 12</u>
Brookline Credit for Property acquired . . . . .		\$8,212,776 49 1,887 40
Total Bond Expenses . . . . .		<u>\$8,214,663 89</u>

\* Includes Note issued under Chapter 543 of the Acts of 1943 as amended by Chapter 494 of the Acts of 1949 for \$175,000.00.

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G.L.C. 92, Section 25A, as inserted by Chapter 723, Acts of 1962, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1963:

*Fund Requirements—July 1, 1962 . . . . . \$ 5,468,391 51*

*Net Fiscal Year Charges:*

Appropriations . . . . .	\$ 4,126,412 00
--------------------------	-----------------

Appropriations of Restricted Revenue . . . . .	39,752 63
--	-----------

Expenditures Authorized—Not Appropriated	
--	--

—Debt Service . . . . .	8,214,663 89*
-------------------------	---------------

Authorized Transfers . . . . .	520,502 72
--------------------------------	------------

Total . . . . .	\$12,901,331 24
-----------------	-----------------

*Deduct—Reversions:*

Current Fiscal Year . . . . .	\$ 71,122 09
-------------------------------	--------------

Accounts Payable . . . . .	41,535 47	112,657 56	12,788,673 68
----------------------------	-----------	------------	---------------

Total Charges . . . . .			\$18,257,065 19
-------------------------	--	--	-----------------

*Operating Revenues:*

District Assessments . . . . .	\$ 6,869,881 73
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Proceeds from the Sale of	
---------------------------	--

Water Use Development	
-----------------------	--

Loan Bonds . . . . .	5,460,000 00	\$12,329,881 73
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*Other Revenue:*

Direct . . . . .	\$ 979,016 45
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Transfer Receipts . . . . .	2,398 43	981,414 88	\$13,311,296 61
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*Fund Requirements, June 30, 1963 . . . . . \$ 4,945,768 58*

\* Includes \$1,887.40 credit to the Town of Brookline.

## METROPOLITAN WATER ASSESSMENT FOR 1963

Cities and Towns	Total Consumption for 1962 in Million Gallons	\$120 per Million Gallons (Ch. 723, Acts of 1962)	1963 Charge at \$120 per Million Gallons (Ch. 723, Acts of 1962)	Proportion for Computing Share of Debt
Arlington . . . . .	1,733.250	\$ 207,990 00	.021369	
Belmont . . . . .	834.597	100,151 64	.010290	
Boston . . . . .	42,773.310	5,132,797 20	.527349	
Brookline . . . . .	2,286.442	274,373 04	.028189	
Cambridge <sup>1</sup> . . . . .	18.270	2,192 40	.000225	
Chelsea . . . . .	1,436.225	172,347 00	.017707	
Everett . . . . .	3,105.359	372,643 08	.038286	
Lexington . . . . .	1,291.087	154,930 44	.015918	
Lynnfield Water District . . . . .	83.285	9,994 20	.001027	
Malden . . . . .	2,081.579	249,789 48	.025664	
Marblehead . . . . .	552.988	66,358 56	.006818	
Medford . . . . .	2,367.188	284,062 56	.029185	
Melrose . . . . .	740.252	88,830 24	.009127	
Milton . . . . .	774.587	92,950 44	.009550	
Nahant . . . . .	134.077	16,089 24	.001653	
Needham <sup>1 2</sup> . . . . .	297.540	35,704 80	.003668	
Newton . . . . .	4,136.456	496,374 72	.050998	
Norwood . . . . .	1,152.730	138,327 60	.014212	
Peabody <sup>1</sup> . . . . .	89.273	10,712 76	.001100	
Quincy . . . . .	3,294.146	395,297 52	.040613	
Revere . . . . .	1,129.796	135,575 52	.013929	
Saugus . . . . .	548.776	65,853 12	.006766	
Somerville . . . . .	3,322.719	398,726 28	.040966	
Stoneham . . . . .	636.807	76,416 84	.007850	
Swampscott . . . . .	416.541	49,984 92	.005136	
Wakefield <sup>1</sup> . . . . .	355.074	42,608 88	.004378	
Waltham . . . . .	2,796.972	335,636 64	.034484	
Watertown . . . . .	1,753.519	210,422 28	.021619	
Winchester <sup>1</sup> . . . . .	293.772	35,252 64	.003622	
Winthrop . . . . .	673.400	80,808 00	.008302	
	81,110.017	\$9,733,202 04	1.000000	

<sup>1</sup> Partial Supply Only.<sup>2</sup> Does not include assessment of \$91.32, Article 7 of Needham Agreement.

Note: Not included in above:

## Assessment for Water Connections:

Lexington—second of ten payments \$33,000.00

Needham—fourth of ten payments \$84,622.20

Norwood—seventh of ten payments \$95,000.00

Wakefield—fifth of ten payments \$16,861.20

## Assessment for Entrance Fees:

Needham—fourth of ten payments \$13,281.50

Peabody—sixth of ten payments \$11,380.00

Wakefield—fifth of ten payments \$10,954.40

Winchester—sixth of ten payments \$16,171.40

Water Discharged into Charles River, Ch. 603, Acts of 1950, 500 mil. gals. @ \$10 1 mil. gal.

8%	Wellesley	\$ 400
7	Weston	350
22	Newton	1,100
15	Waltham	750
13	Watertown	650
16	Cambridge	800
19	Boston	950

Total \$5,000

Credit to Brookline for property acquired: eleventh of twenty-five payments \$1,887.40

**COMPARISON OF ASSESSMENTS 1962 AND 1963  
WITH REVENUE FROM WATER RATES IN 1962**

Cities and Towns	Water Assessments 1962	Water Assessments 1963	Water Revenue Received by Cities and Towns 1962	
			Cities and Towns	1962
Arlington . . . . .	\$ 137,900 56	\$ 207,990 00	\$ 355,692 36	
Belmont . . . . .	69,228 80	100,151 64	315,455 94	
Boston . . . . .	3,519,425 44	5,132,797 20	8,772,288 53	
Brookline . . . . .	178,770 08	274,373 04	585,613 13	
Cambridge . . . . .	2,629 04	2,192 40	1,217,346 43	
Chelsea . . . . .	109,253 44	172,347 00	399,501 85	
Everett . . . . .	260,463 20	372,643 08	546,652 64	
Lexington . . . . .	92,624 40	154,930 44	161,694 12	
Lynnfield Water District . . . . .	6,619 28	9,994 20	61,859 19	
Malden . . . . .	159,454 64	249,789 48	432,810 59	
Marblehead . . . . .	42,032 40	66,358 56	218,198 56	
Medford . . . . .	182,577 12	284,062 56	525,364 14	
Melrose . . . . .	63,687 28	88,830 24	244,058 89	
Milton . . . . .	59,320 48	92,950 44	256,264 06	
Nahant . . . . .	10,084 24	16,089 24	27,719 95	
Needham . . . . .	21,563 20	35,704 80	329,209 73	
Newton . . . . .	334,254 80	496,374 72	911,486 87	
Norwood . . . . .	88,342 40	138,327 60	354,470 58	
Peabody . . . . .	3,151 20	10,712 76	358,020 78	
Quincy . . . . .	270,504 32	395,297 52	825,506 27	
Revere . . . . .	93,241 60	135,575 52	290,983 20	
Saugus . . . . .	41,577 44	65,853 12	183,027 00	
Somerville . . . . .	291,394 16	398,726 28	694,601 24	
Stoneham . . . . .	51,527 28	76,416 84	168,090 33	
Swampscott . . . . .	33,224 40	49,984 92	160,209 58	
Wakefield . . . . .	19,999 60	42,608 88	473,532 34	
Waltham . . . . .	217,362 32	335,636 64	719,552 26	
Watertown . . . . .	142,083 68	210,422 28	364,975 91	
Winchester . . . . .	23,174 56	35,252 64	266,587 41	
Winthrop . . . . .	53,973 60	80,808 00	144,115 35	
	<b>\$6,579,444 96</b>	<b>\$9,733,202 04</b>	<b>\$20,364,889 23</b>	

**METROPOLITAN PARKS DISTRICT**  
**METROPOLITAN PARKS DEBT**

Gross (and net) June 30, 1963

Bonds outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 . . . . .	\$ 1,576,000 00
Charles River Basin Improvement Loan Act of 1957 . .	1,120,000 00
Charles River Flood Control, Act of 1955 . . . . .	765,000 00
Metropolitan District Beach Erosion Loan Act of 1956 .	1,762,000 00
Metropolitan District Commission Recreational Loan, Act of 1955 . . . . .	750,000 00
Metropolitan District Commission Recreational Loan, Act of 1957 . . . . .	4,106,000 00
Metropolitan District Commission Recreational Loan, Act of 1959 . . . . .	4,129,000 00
Mystic River Dam Loan, Act of 1957 . . . . .	234,000 00
Metropolitan District Park Loan Act of 1961 . . . . .	2,475,000 00
Metropolitan District Commission Recreational Loan, Act of 1962 . . . . .	1,000,000 00
Total net parks debt June 30, 1963 . . . . .	<u>\$17,917,000 00</u>

**METROPOLITAN PARKS EXPENSES**

Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage Flood Control, Act of 1955	\$ 81,100 76	\$ 40,995 56
Charles River Basin Improve- ment Loan, Act of 1957 . .	40,000 00	38,475 00
Charles River Flood Control, Act of 1955 . . . . .	50,000 00	25,462 50
Metropolitan District Beach Erosion Loan, Act of 1956	—	57,948 75
Metropolitan District Com- mission Recreational Loan, Act of 1955 . . . . .	49,772 93	24,000 00
Metropolitan District Com- mission Recreational Loan, Act of 1957 . . . . .	247,000 00	138,459 50
Mystic River Dam Loan, Act of 1957 . . . . .	8,000 00	7,735 00
Metropolitan District Com- mission Recreational Loan, Act of 1959 . . . . .	241,000 00	137,874 50
Metropolitan District Park Loan, Act of 1961 . . . .	64,692 10	57,451 39
Metropolitan District Com- mission Recreational Loan, Act of 1962 . . . . .	—	13,922 72
	<hr/> <u>\$ 781,565 79</u>	<hr/> <u>\$ 542,324 92</u>
Interest on Average Monthly Deficit . . . . .		2,189 81
		<hr/> <u>\$ 544,514 73</u>
Maintenance as appropriated by the Legislature	4,144,493 56	
Total Metropolitan Parks expenses to be assessed . . . .		<u>\$5,470,574 08</u>

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**

*Proportion of Interest, Serial Bonds and Maintenance Requirements  
as Determined by the Metropolitan District Commission.*

Cities and Towns	Valuation Ch. 559, Acts of 1945	Valuation Per cent Note i	Population 1960 Census	Population Per Cent	Average Per Cent Ch. 554, Acts of 1949 (Note 2)
Arlington . . . .	\$ 63,327,779	.018132	49,953	.024626	.020297
Belmont . . . .	57,954,895	.016594	28,715	.014156	.015781
Boston . . . .	1,437,779,078	.411665	697,197	.343706	.389012
Braintree . . . .	31,968,400	.009153	31,069	.015316	.011207
Brookline . . . .	164,949,098	.047228	54,044	.026643	.040366
Cambridge . . . .	188,515,872	.053976	107,716	.053102	.053685
Canton . . . .	10,101,349	.002892	12,771	.006296	.004027
Chelsea . . . .	46,441,609	.013297	33,749	.016638	.014411
Dedham . . . .	29,105,423	.008333	23,869	.011767	.009478
Dover . . . .	6,325,116	.001811	2,846	.001403	.001675
Everett . . . .	88,165,414	.025244	43,544	.021466	.023985
Hingham . . . .	18,999,428	.005440	15,378	.007581	.006154
Hull . . . .	17,900,393	.005125	7,055	.003478	.004576
Lynn . . . .	151,194,710	.043290	94,478	.046576	.044386
Malden . . . .	77,119,332	.022081	57,676	.028433	.024198
Medford . . . .	86,696,291	.024823	64,971	.032030	.027225
Melrose . . . .	43,827,859	.012549	29,619	.014602	.013233
Milton . . . .	44,725,770	.012806	26,375	.013002	.012871
Nahant . . . .	5,722,850	.001639	3,960	.001952	.001743
Needham . . . .	30,261,434	.008664	25,793	.012715	.010014
Newton . . . .	181,961,300	.052099	92,384	.045544	.049914
Quincy . . . .	145,077,833	.041539	87,409	.043011	.042056
Revere . . . .	42,040,213	.012037	40,080	.019759	.014611
Saugus . . . .	17,446,731	.004995	20,666	.010188	.006726
Somerville . . . .	122,784,622	.035156	94,697	.046684	.038999
Stoneham . . . .	16,420,347	.004702	17,821	.008785	.006063
Swampscott . . . .	26,905,763	.007704	13,294	.006554	.007321
Wakefield . . . .	24,960,810	.007147	24,295	.011977	.008757
Waltham . . . .	62,078,958	.017774	55,413	.027318	.020955
Watertown . . . .	59,318,707	.016984	39,092	.019272	.017747
Wellesley . . . .	49,542,385	.014185	26,071	.012853	.013741
Weston . . . .	12,634,820	.003618	8,261	.004072	.003769
Westwood . . . .	8,630,467	.002471	10,354	.005104	.003349
Weymouth . . . .	57,187,043	.016374	48,177	.023750	.018833
Winchester . . . .	37,874,919	.010844	19,376	.009552	.010413
Winthrop . . . .	26,644,419	.007629	20,303	.010009	.008422
<hr/>		<hr/>	<hr/>	<hr/>	<hr/>
Cohasset (Note 3) . . .		\$3,492,591,437	1.000000	2,028,471	1.000000
		11,063,194	.003158	5,840	.002871
<hr/>		<hr/>	<hr/>	<hr/>	<hr/>
		\$3,503,654,631		2,034,311	

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance—(8% of its proportion)

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Total Assessments**

Cities and Towns	Serial	Bonds	Interest	Maintenance	Total	
Arlington . . .	\$ 14,171	35	\$ 9,873	14	\$ 108,144	67
Belmont . . .	12,969	30	9,035	68	65,388	23
Boston . . .	321,743	28	224,157	66	1,611,862	73
Braintree . . .	7,153	67	4,983	94	46,435	96
Brookline . . .	36,911	79	25,716	34	167,255	64
Cambridge . . .	42,185	80	29,390	73	222,442	63
Canton . . .	2,260	29	1,574	74	16,685	79
Chelsea . . .	10,392	48	7,240	41	59,711	66
Cohasset . . .					1,015	40
Dedham . . .	6,512	79	4,537	44	39,271	89
Dover . . .	1,415	42	986	12	6,940	33
Everett . . .	19,729	85	13,745	73	99,381	32
Hingham . . .	4,251	72	2,962	16	25,498	96
Hull . . .	4,005	52	2,790	64	18,960	56
Lynn . . .	33,833	98	23,572	04	183,912	42
Malden . . .	17,257	75	12,023	43	100,263	88
Medford . . .	19,400	81	13,516	49	112,806	19
Melrose . . .	9,807	87	6,833	12	54,830	65
Milton . . .	10,008	73	6,973	05	53,330	71
Nahant . . .	1,280	99	892	46	7,222	08
Needham . . .	6,771	49	4,717	68	41,492	79
Newton . . .	40,718	80	28,368	67	206,817	57
Quincy . . .	32,465	46	22,618	60	174,258	12
Revere . . .	9,407	71	6,554	32	60,540	36
Saugus . . .	3,903	92	2,719	85	27,869	03
Somerville . . .	27,476	73	19,142	96	161,591	50
Stoneham . . .	3,674	92	2,560	31	25,121	91
Swampscott . . .	6,021	18	4,194	94	30,334	40
Wakefield . . .	5,585	85	3,891	65	36,284	44
Waltham . . .	13,891	55	9,678	20	86,826	58
Watertown . . .	13,274	11	9,248	04	73,534	31
Wellesley . . .	11,086	51	7,723	94	56,935	53
Weston . . .	2,827	70	1,970	05	15,616	77
Westwood . . .	1,931	25	1,345	50	13,876	51
Weymouth . . .	12,797	36	8,915	88	78,034	12
Winchester . . .	8,475	30	5,904	72	43,146	04
Winthrop . . .	5,962	56	4,154	10	34,896	37
	\$ 781,565	79	\$544,514	73	\$4,144,493	56
						\$5,470,574
						08

## METROPOLITAN PARKS AND SEWERAGE DISTRICTS

## Comparison of Assessments 1962 and 1963

Cities and Towns	Parks		Sewerage	
	1962	1963	1962	1963
Arlington . . .	\$ 101,649 74	\$ 108,144 67	\$ 167,153 20	\$ 182,741 70
Belmont . . .	81,970 91	87,393 21	101,542 08	111,651 77
Boston . . .	2,023,710 69	2,157,763 67	1,290,828 70	1,426,934 78
Braintree . . .	55,115 51	58,573 57	81,089 22	87,658 68
Brookline . . .	215,300 58	229,883 77	211,116 67	233,094 21
Cambridge . . .	275,942 41	294,019 16	733,411 50	815,156 48
Canton . . .	19,337 45	20,520 82	53,723 41	59,947 76
Chelsea . . .	72,669 98	77,344 55	188,128 85	211,567 42
Cohasset . . .	969 95	1,015 40	—	—
Dedham . . .	47,309 20	50,322 12	86,739 04	95,623 99
Dover . . .	8,758 91	9,341 87	—	—
Everett . . .	124,612 25	132,856 90	190,181 06	211,359 65
Framingham . . .	—	—	83,758 04	86,178 88
Hingham . . .	30,752 18	32,712 84	25,377 70	28,163 55
Hull . . .	24,137 68	25,756 72	—	—
Lexington . . .	—	—	46,998 25	47,634 25
Lynn . . .	226,572 28	241,318 44	—	—
Malden . . .	121,732 60	129,545 06	201,578 79	220,981 40
Medford . . .	136,936 74	145,723 49	339,235 78	382,597 74
Melrose . . .	67,128 59	71,471 64	162,889 31	182,637 49
Milton . . .	65,998 70	70,312 49	175,155 92	198,365 64
Nahant . . .	8,825 55	9,395 53	—	—
Natick . . .	—	—	66,482 66	70,096 33
Needham . . .	49,819 57	52,981 96	43,689 85	44,269 06
Newton . . .	258,812 41	275,905 04	450,874 00	504,309 75
Norwood . . .	—	—	89,627 29	98,210 43
Quincy . . .	215,292 28	229,342 18	395,633 77	442,078 73
Randolph . . .	—	—	57,547 34	60,236 78
Reading . . .	—	—	36,435 05	37,524 54
Revere . . .	71,978 46	76,502 39	121,131 83	131,583 93
Saugus . . .	32,491 76	34,492 80	—	—
Somerville . . .	195,684 44	208,211 19	339,471 99	373,457 55
Stoneham . . .	29,523 59	31,357 14	77,617 10	86,559 09
Stoughton . . .	—	—	29,796 89	30,024 22
Swampscott . . .	38,034 19	40,550 52	—	—
Wakefield . . .	43,060 60	45,761 94	95,207 29	104,917 85
Walpole . . .	—	—	35,680 27	38,014 27
Waltham . . .	103,831 98	110,396 33	184,440 03	200,334 07
Watertown . . .	90,208 90	96,056 46	151,175 23	166,424 88
Wellesley . . .	71,064 00	75,745 98	57,897 64	60,790 11
Weston . . .	19,171 01	20,414 52	—	—
Westwood . . .	16,159 29	17,153 26	34,622 12	37,737 60
Weymouth . . .	93,788 07	99,747 36	155,014 79	168,535 73
Wilmington . . .	—	—	27,153 62	28,456 10
Winchester . . .	53,963 92	57,526 06	170,911 87	192,135 58
Winthrop . . .	42,302 33	45,013 03	85,680 87	95,347 33
Woburn . . .	—	—	176,272 46	198,906 60
	\$5,134,618 40	\$5,470,574 08	\$7,021,271 48	\$7,752,245 92

## METROPOLITAN SEWERAGE DISTRICT

## METROPOLITAN SEWERAGE DEBT

Gross (and Net) debt June 30, 1963

## Bonds outstanding (serial):

Sewerage Loan, North System . . . . .	\$ 1,241,000 00
District Sewerage Loan, Act of 1949 . . . . .	21,098,000 00
Sewerage Loan, Act of 1951 (Ch. 645) . . . . .	21,546,000 00
Sewerage Loan, North District, Act of 1951 (Ch. 757) . . . . .	804,000 00
District Sewerage Loan, North System, Act of 1954 (Ch. 452) . . . . .	624,000 00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399) . . . . .	868,000 00
North Metropolitan Sewerage Loan, Act of 1955 . . . . .	400,000 00
Metropolitan District Sewerage Loan, North System, Act of 1958 . . . . .	130,000 00
Sewerage Loan, South System . . . . .	5,268,000 00
Metropolitan Sewerage Loan—South System (Hingham) . . . . .	100,000 00
District Sewerage Loan, Act of 1951 (Ch. 527) . . . . .	1,464,000 00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . . . .	1,638,000 00
District Sewerage Loan, Act of 1953 . . . . .	728,000 00
District Sewerage Loan, Act of 1954 . . . . .	442,000 00
District Sewerage Loan, Act of 1955 (Ch. 410) . . . . .	1,032,000 00
District Sewerage Loan, Act of 1955 (Ch. 551) . . . . .	802,000 00
District Sewerage Loan, Act of 1957 (Ch. 710) . . . . .	868,000 00
District Sewerage Loan, Act of 1957 (Ch. 764) . . . . .	432,000 00
Metropolitan Sewerage Loan, Act of 1961 . . . . .	13,800,000 00
	<u>\$73,285,000 00</u>

## METROPOLITAN SEWERAGE EXPENSES

## Debt Service:

	Serial Bonds	Interest
Sewerage Loan, North System . . . . .	\$ 142,000 00	23,365 00
District Sewerage Loan, Act of 1949 . . . . .	836,000 00	673,545 00
Sewerage Loan, Act of 1951 (Ch. 645) . . . . .	777,000 00	525,292 50
Sewerage Loan, North District, Act of 1951 (Ch. 757) . . . . .	2,695 25	17,688 00
District Sewerage Loan, North System, Act of 1954 (Ch. 452) . . . . .	25,000 00	19,246 25
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399) . . . . .	25,339 86	30,380 00
North Metropolitan Sewerage Loan, Act of 1955 . . . . .	92,000 00	8,850 00
Metropolitan District Sewerage Loan, Act of 1958 . . . . .	5,000 00	4,550 00
Sewerage Loan, South System . . . . .	565,851 22	107,125 00
Metropolitan Sewerage Loan, South System (Hingham) . . . . .	—	2,187 50
District Sewerage Loan, Act of 1951 (Ch. 527) . . . . .	54,485 37	32,208 00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . . . .	74,000 00	37,809 75
District Sewerage Loan, Act of 1953 . . . . .	34,000 00	16,016 00
District Sewerage Loan, Act of 1954 . . . . .	17,449 71	11,907 50
District Sewerage Loan, Act of 1955 (Ch. 410) . . . . .	42,000 00	31,276 25
District Sewerage Loan, Act of 1955 (Ch. 551) . . . . .	33,000 00	21,601 25
District Sewerage Loan, Act of 1957 (Ch. 710) . . . . .	19,337 51	30,380 00
District Sewerage Loan, Act of 1957 (Ch. 764) . . . . .	17,000 00	15,120 00
Metropolitan Sewerage Loan, Act of 1961 . . . . .	307,629 80	474,341 34
Interest on Average Monthly Deficit . . . . .	—	9,597 74
	<u>\$3,069,788 72</u>	<u>\$2,092,487 08</u>

## Maintenance

Total Metropolitan Sewerage Expenses . . . . .

North and South Systems combined under Chapter 612, Acts of 1959.

# METROPOLITAN SEWERAGE DISTRICT

## RATIOS OF CONTRIBUTION ON THE BASIS OF CHAP. 612, ACTS OF 1959 AND THE CENSUS RETURNS OF 1960, AS DETERMINED BY THE METROPOLITAN DISTRICT COMMISSION, SEWERAGE DIVISION

City or Town	Pro-Rated Demand M.G.D.	Ratios in Percentage for Principal and Interest Chap. 612 Acts of 1959 <sup>1</sup>			Population U. S. Census 1960	Ratios in Percentage for Maintenance Fiscal Year Ending June 30, 1963
		Chap. 612 Acts of 1959 <sup>1</sup>	U. S. Census 1960	Fiscal Year Ending June 30, 1963		
Arlington . . .	17.316	2.09	49,953	2.89		
Belmont . . .	10.999	1.33	28,715	1.66		
Boston . . .	419.902 <sup>2</sup>	18.38	319,636	18.46		
Braintree . . .	6.676	0.80	31,069	1.79		
Brookline . . .	24.445	2.95	54,044	3.12		
Cambridge . . .	105.019	12.67	107,716	6.22		
Canton . . .	6.579	0.79	12,771	0.74		
Chelsea . . .	25.832	3.12	33,749	1.95		
Dedham . . .	9.609	1.16	23,869	1.38		
Everett . . .	23.455	2.83	43,544	2.52		
Framingham . . .	3.177	0.38	44,526	2.57		
Hingham . . .	3.186	0.38	5,700	0.33		
Lexington . . .	1.010	0.12	27,691	1.60		
Malden . . .	21.644	2.61	57,676	3.33		
Medford . . .	45.834	5.53	64,971	3.75		
Melrose . . .	22.252	2.68	29,619	1.71		
Milton . . .	25.521	3.08	26,375	1.52		
Natick . . .	4.309	0.52	28,831	1.67		
Needham . . .	0.892	0.11	25,793	1.49		
Newton . . .	58.766	7.09	92,384	5.34		
Norwood . . .	9.749	1.18	24,898	1.44		
Quincy . . .	49.965	6.03	87,409	5.05		
Randolph . . .	5.187	0.62	18,900	1.09		
Reading . . .	1.437	0.17	19,259	1.11		
Revere . . .	11.492	1.39	40,080	2.31		
Somerville . . .	37.204	4.49	94,697	5.47		
Stoneham . . .	9.603	1.16	17,821	1.03		
Stoughton . . .	0.934	0.11	16,328	0.94		
Wakefield . . .	11.032	1.33	24,295	1.40		
Walpole . . .	2.705	0.33	14,068	0.81		
Waltham . . .	18.263	2.20	58,077 <sup>3</sup>	3.35		
Watertown . . .	17.365	2.09	39,092	2.26		
Wellesley . . .	3.493	0.42	26,071	1.51		
Westwood . . .	3.551	0.43	10,354	0.60		
Weymouth . . .	15.467	1.87	48,177	2.78		
Wilmington . . .	1.586	0.19	12,475	0.72		
Winchester . . .	26.194	3.16	19,376	1.12		
Winthrop . . .	10.426	1.26	20,303	1.17		
Woburn . . .	24.457	2.95	31,214	1.80		
<b>Totals . . .</b>	<b>1,096.533</b>	<b>100.00</b>	<b>1,731,526</b>	<b>100.00</b>		

<sup>1</sup> Revised in accordance with Chap. 230, Acts of 1961

<sup>2</sup> Boston Metropolitan Sewerage District, and Boston Main Drainage District.

<sup>3</sup> Including 2664 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Boston State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of the Middlesex County Tuberculosis Hospital.

## METROPOLITAN SEWERAGE DISTRICT

*Total Assessments*

City or Town	Serial	Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$ 64,158 58	\$ 43,732 98	\$ 74,850 14	\$ 182,741 70	
Belmont . . . . .	40,828 19	27,830 08	42,993 50	111,651 77	
Boston . . . . .	564,227 17	384,599 13	478,108 48	1,426,934 78	
Braintree . . . . .	24,558 31	16,739 90	46,360 47	87,658 68	
Brookline . . . . .	90,558 77	61,728 37	80,807 07	233,094 21	
Cambridge . . . . .	388,942 23	265,118 11	161,096 14	815,156 48	
Canton . . . . .	24,251 33	16,530 65	19,165 78	59,947 76	
Chelsea . . . . .	95,777 40	65,285 60	50,504 42	211,567 42	
Dedham . . . . .	35,609 55	24,272 85	35,741 59	95,623 99	
Everett . . . . .	86,875 02	59,217 38	65,267 25	211,359 65	
Framingham . . . . .	11,665 20	7,951 45	66,562 23	86,178 88	
Hingham . . . . .	11,665 20	7,951 45	8,546 90	28,163 55	
Lexington . . . . .	3,683 75	2,510 98	41,439 52	47,634 25	
Malden . . . . .	80,121 49	54,613 91	86,246 00	220,981 40	
Medford . . . . .	169,759 32	115,714 54	97,123 88	382,597 74	
Melrose . . . . .	82,270 34	56,078 65	44,288 50	182,637 49	
Milton . . . . .	94,549 49	64,448 60	39,367 55	198,365 64	
Natick . . . . .	15,962 90	10,880 93	43,252 50	70,096 33	
Needham . . . . .	3,376 77	2,301 74	38,590 55	44,269 06	
Newton . . . . .	217,648 02	148,357 33	138,304 40	504,309 75	
Norwood . . . . .	36,223 51	24,691 35	37,295 57	98,210 43	
Quincy . . . . .	185,108 26	126,176 97	130,793 50	442,078 73	
Randolph . . . . .	19,032 69	12,973 42	28,230 67	60,236 78	
Reading . . . . .	5,218 64	3,557 23	28,748 67	37,524 54	
Revere . . . . .	42,670 06	29,085 57	59,828 30	131,583 93	
Somerville . . . . .	137,833 51	93,952 67	141,671 37	373,457 55	
Stoneham . . . . .	35,609 55	24,272 85	26,676 69	86,559 09	
Stoughton . . . . .	3,376 77	2,301 73	24,345 72	30,024 22	
Wakefield . . . . .	40,828 19	27,830 08	36,259 58	104,917 85	
Walpole . . . . .	10,130 30	6,905 21	20,978 76	38,014 27	
Waltham . . . . .	67,535 35	46,034 72	86,764 00	200,334 07	
Watertown . . . . .	64,158 58	43,732 98	58,533 32	166,424 88	
Wellesley . . . . .	12,893 11	8,788 45	39,108 55	60,790 11	
Westwood . . . . .	13,200 09	8,997 69	15,539 82	37,737 60	
Weymouth . . . . .	57,405 05	39,129 51	72,001 17	168,535 73	
Wilmington . . . . .	5,832 60	3,975 72	18,647 78	28,456 10	
Winchester . . . . .	97,005 32	66,122 59	29,007 67	192,135 58	
Winthrop . . . . .	38,679 34	26,365 34	30,302 65	95,347 33	
Woburn . . . . .	90,558 77	61,728 37	46,619 46	198,906 60	
	\$3,069,788 72	\$2,092,487 08	\$2,589,970 12	\$7,752,245 92	

North and South Systems combined under Chapter 612, Acts of 1959.

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Net Debt June 30, 1963	\$73,285,000 00	\$110,214,000 00	\$17,917,000 00	\$201,416,000 00
Arlington . . . . .	1,531,656 50	2,355,162 97	324,871 04	4,211,690 51
Belmont . . . . .	974,690 50	1,134,102 06	297,314 70	2,406,107 26
Boston . . . . .	13,469,783 00	58,121,242 69	7,375,801 80	78,966,827 49
Braintree . . . . .	586,280 00	—	163,994 30	750,274 30
Brookline . . . . .	2,161,907 50	3,106,822 45	846,184 08	6,114,914 03
Cambridge . . . . .	9,285,209 50	24,798 15	967,087 99	10,277,095 64
Canton . . . . .	578,951 50	—	51,815 96	630,767 46
Chelsea . . . . .	2,286,492 00	1,951,559 30	238,242 35	4,476,293 65
Dedham . . . . .	850,106 00	—	149,302 36	999,408 36
Dover . . . . .	—	—	32,447 69	32,447 69
Everett . . . . .	2,073,965 50	4,219,653 20	452,296 75	6,745,915 45
Framingham . . . . .	278,483 00	—	—	278,483 00
Hingham . . . . .	278,483 00	—	97,468 48	375,951 48
Hull . . . . .	—	—	91,824 62	91,824 62
Lexington . . . . .	87,942 00	1,754,386 45	—	1,842,328 45
Lynn . . . . .	—	—	775,626 93	775,626 93
Lynnfield Water District	—	113,189 78	—	113,189 78
Malden . . . . .	1,912,738 50	2,828,532 10	395,625 28	5,136,895 88
Marblehead . . . . .	—	751,439 05	—	751,439 05
Medford . . . . .	4,052,660 50	3,216,595 59	444,753 69	7,714,009 78
Melrose . . . . .	1,964,038 00	1,005,923 18	224,840 43	3,194,801 61
Milton . . . . .	2,257,178 00	1,052,543 70	229,445 10	3,539,166 80
Nahant . . . . .	—	182,183 74	29,365 96	211,549 70
Natick . . . . .	381,082 00	—	—	381,082 00
Needham . . . . .	80,613 50	404,264 95	155,232 89	640,111 34
Newton . . . . .	5,195,906 50	5,620,693 57	933,457 78	11,750,057 85
Norwood . . . . .	864,763 00	1,566,361 37	—	2,431,124 37
Peabody . . . . .	—	121,235 40	—	121,235 40
Quincy . . . . .	4,419,085 50	4,476,121 18	744,254 26	9,639,460 94
Randolph . . . . .	454,367 00	—	—	454,367 00
Reading . . . . .	124,584 50	—	—	124,584 50
Revere . . . . .	1,018,661 50	1,535,170 81	215,666 93	2,769,499 24
Saugus . . . . .	—	745,707 92	89,495 42	835,203 34
Somerville . . . . .	3,290,496 50	4,515,026 72	629,890 05	8,435,413 27
Stoneham . . . . .	850,106 00	865,179 90	84,245 73	1,799,531 63
Stoughton . . . . .	80,613 50	—	—	80,613 50
Swampscott . . . . .	—	566,059 10	138,032 57	704,091 67
Wakefield . . . . .	974,690 50	482,516 89	128,052 80	1,585,260 19
Walpole . . . . .	241,840 50	—	—	241,840 50
Waltham . . . . .	1,612,270 00	3,800,619 58	318,456 76	5,731,346 34
Watertown . . . . .	1,531,656 50	2,382,716 47	304,302 33	4,218,675 30
Wellesley . . . . .	307,797 00	—	254,152 65	561,949 65
Weston . . . . .	—	—	64,823 71	64,823 71
Westwood . . . . .	315,125 50	—	44,272 91	359,398 41
Weymouth . . . . .	1,370,429 50	—	293,372 96	1,663,802 46
Wilmington . . . . .	139,241 50	—	—	139,241 50
Winchester . . . . .	2,315,806 00	399,195 10	194,291 95	2,909,293 05
Winthrop . . . . .	923,391 00	914,996 63	136,688 79	1,975,076 42
Woburn . . . . .	2,161,907 50	—	—	2,161,907 50
	\$73,285,000 00	\$110,214,000 00	\$17,917,000 00	\$201,416,000 00



ASS.  
OCS.  
COLL.

The Commonwealth of Massachusetts

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1964

ASSESSMENTS

FOR

INTEREST, SERIAL BONDS

AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

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Compiled in the Office of  
ROBERT Q. CRANE  
TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1964

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1961, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1963, bonds have been issued as follows:

Charles River Flood Control Act of 1961 . . . . .	\$ 500,000
Neponset River Drainage & Flood Control Act of 1961 . . . . .	500,000
Mystic River Dam Loan Act of 1957 . . . . .	3,640,000
Met. Sewerage Loan Act of 1961 . . . . .	8,740,000
Met. Dist. Sewerage Relief Loan, Act of 1961 . . . . .	3,420,000
Met. Water Dist.-Water Use Development Loan . . . . .	4,950,000
Met. Water Dist. Additional Loan Act of 1961 . . . . .	1,000,000
Met. Dist. Water Main Loan Act of 1959 . . . . .	450,000

## METROPOLITAN SEWER

### Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt

incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

#### METROPOLITAN WATER

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five. All payments made as annual assessments, in accordance with section twenty-six, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-five.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to, meet the debt service requirements of metropolitan water district bonds shall

be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total of operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in propor-

tion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

—Section 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1964

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 211,548.36	\$ 119,889.81	\$ 206,227.69	\$ 537,665.86
Belmont	108,128.52	97,220.00	125,518.21	330,866.73
Boston	5,315,843.64	2,400,727.83	1,615,104.07	9,331,675.54
Braintree		64,819.65	101,467.30	166,286.95
Brookline	279,580.20	256,350.90	263,038.23	798,969.33
Cambridge	30,652.20	326,759.81	940,316.00	1,297,728.01
Canton		22,654.72	71,409.87	94,064.59
Chelsea	183,933.36	85,801.49	239,590.97	509,325.82
Cohasset		1,096.27	—	1,096.27
Dedham		55,769.40	107,457.60	163,227.00
Dover		10,398.71	—	10,398.71
Everett	370,698.96	147,798.82	239,362.65	757,860.43
Framingham		—	95,432.45	95,432.45
Hingham		36,257.91	31,900.83	68,158.74
Hull		28,693.40	—	28,693.40
Lexington	171,465.84	—	52,892.61	224,358.45
Lynn		268,015.89	—	268,015.89
Lynnfield Water District	10,488.72	—	—	10,488.72
Malden	253,056.48	143,676.78	249,549.99	646,283.25
Marblehead	73,573.08	—	—	73,573.08
Medford	283,794.84	161,617.36	433,524.97	878,937.17
Melrose	101,360.04	79,331.61	206,721.08	387,412.73
Milton	100,850.04	78,124.57	224,918.13	403,892.74
Nahant	16,653.72	10,426.94	—	27,080.66
Natick		—	79,123.34	79,123.34
Needham	40,725.60	58,698.24	49,152.83	148,576.67
Newton	485,175.12	306,878.82	571,220.99	1,363,274.93
Norwood	135,609.60	—	107,993.35	243,602.95
Peabody	34,866.84	—	—	34,866.84
Quincy	404,630.40	254,783.32	500,283.96	1,159,697.68
Randolph		—	66,065.59	66,065.59
Reading		—	41,820.30	41,820.30
Revere	144,172.56	84,674.56	147,670.60	376,517.72
Saugus	76,325.40	38,102.76	—	114,428.16
Somerville	397,331.04	230,866.73	421,308.27	1,049,506.04
Stoneham	86,608.32	34,666.74	98,029.35	219,304.41
Stoughton		—	33,408.46	33,408.46
Swampscott	59,867.76	45,110.92	—	104,978.68
Wakefield	34,395.60	50,641.14	118,666.32	203,703.06
Walpole		—	43,277.77	43,277.77
Waltham	367,170.60	122,258.95	225,895.61	715,325.16
Watertown	209,646.72	106,640.58	188,193.22	504,480.52
Wellesley		84,229.01	68,043.25	152,272.26
Weston		22,665.39	—	22,665.39
Westwood		18,946.23	41,993.48	60,939.71
Weymouth		110,520.04	188,897.20	299,417.24
Wilmington		—	31,837.92	31,837.92
Winchester	28,652.76	63,980.85	210,513.19	303,146.80
Winthrop	82,850.52	49,915.89	107,946.01	240,712.42
Woburn		—	225,842.64	225,842.64
	\$10,099,656.84	\$ 6,079,012.04	\$ 8,771,616.30	\$24,950,285.18

## METROPLITAN WATER DISTRICT

## METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1964

## Bonds outstanding (serial)

Additional Water Loan . . .	\$14,785,000 00
Water Use Development Loan . . .	52,435,000 00
Water Main Loan, Act of 1949 . . .	1,870,000 00
Water Main Loan, Act of 1954 . . .	1,110,000 00
Water Main Loan, Act of 1957 . . .	1,796,000 00
Water Main Loan, Act of 1959 . . .	1,348,000 00
Water Loan, Act of 1950 . . .	10,920,000 00
Water Loan, Act of 1952 . . .	5,690,000 00
Clinton Sewage Loan . . .	452,000 00
Metropolitan Water District Additional Loan, Act of 1956 . . .	18,913,000 00
Metropolitan Water District Additional Loan, Act of 1961 . . .	\$ 1,980,000 00

Total net water debt June 30, 1964

\$111,299,000 00

## METROPOLITAN WATER EXPENSES

## Debt Service

	Serial Bonds	Interest
Water Loan . . . .	\$ 25,000 00	\$ 1,000 00
Additional Water Loan . . .	1,821,000 00	281,347 50
Water Use Development Loan	2,184,665 00	1,266,285 50
Water Main Loan, Act of 1949	110,000 00	33,660 00
Water Main Loan, Act of 1954	53,000 00	29,420 00
Water Main Loan, Act of 1957	76,000 00	62,620 00
Water Main Loan, Act of 1959	33,092 80	31,066 25
Water Loan, Act of 1950 . . .	387,000 00	265,617 50
Water Loan, Act of 1952 . . .	155,000 00	174,537 50
Clinton Sewage Loan, Act of 1954 . . . .	22,000 00	8,102 50
Metropolitan Water District Additional Loan, Act of 1956	411,000 00	636,095.75
Metropolitan Water District Additional Loan, Act of 1961	16,700 00	25,720 00
Interest on Average Monthly Deficit		13,051 33
	<hr/>	
	\$5,294,457 80	\$2,828,523 83
Brookline Credit for Property Acquired		\$8,122,981 63
		1,887 40
Total Bond Expenses		<hr/> <hr/> \$8,124,869 03

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G.L. C. 92, S. 25A, as inserted by Chapter 723, Acts of 1962, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1964:

*Fund Requirements—July 1, 1963* \$ 4,945,768 58

*Net Fiscal Year Charges:*

Appropriations . . . . .	\$ 4,684,826 00
Appropriations of Restricted Revenue . . .	32,554 70
Expenditures Authorized—Not Appropriated	
—Debt Service . . . . .	8,124,869 03*
Authorized Transfers . . . . .	545,053 02
 Total . . . . .	\$13,387,302 75
Deduct—Reversions:	
Current Fiscal Year . . .	\$17,833 29
Accounts Payable . . .	28,198 64
 Total Charges . . . . .	\$18,287,039 40

### *Operating Revenues:*

District Assessments . . . \$10,019,564 06  
Proceeds from the Sale of  
Water Use Development  
Loan Bonds . . . . 4,950,000 00 14,969,564 06

*Other Revenue:*

Direct . . . . .	\$ 963,262 67	
Transfer Receipts . . . .	<u>44,025 60</u>	<u>1,007,288 27</u>
Total Revenues . . . . .	\$15,976,852 33	

*Fund Requirements, June 30, 1964* \$ 2,310,187.07

\* Includes \$1,887.40 credit to the Town of Brookline.

## METROPOLITAN WATER ASSESSMENT FOR 1964

Cities and Towns	Total Consumption for 1963 in Million Gallons	1964 Charge at \$120 per Million Gallons	Proportion of Computing Acts of 1962)	Share of Debt
Arlington	1,762.903	\$ 211,548.36	.020946	
Belmont	901.071	108,123.52	.010706	
Boston	44,298.697	5,315,843.64	.526339	
Brookline	2,329.835	279,580.20	.027682	
Cambridge*	255.435	30,652.20	.003035	
Chelsea	1,532.778	183,933.36	.018212	
Everett	3,089.158	370,698.96	.086704	
Lexington	1,428.882	171,465.84	.016977	
Lynnfield Water District	87.406	10,488.72	.001039	
Malden	2,108.804	253,056.48	.025056	
Marblehead	613.109	73,573.08	.007285	
Medford	2,364.957	283,794.84	.028099	
Melrose	844.667	101,360.04	.010036	
Milton	840.417	100,850.04	.009985	
Nahant	138.781	16,653.72	.001649	
Needham*	339.380	40,725.60	.004032	
Newton	4,043.126	485,175.12	.048039	
Norwood	1,130.080	135,609.60	.013427	
Peabody*	290.557	34,866.84	.003452	
Quincy	3,371.920	404,630.40	.040065	
Revere	1,201.438	144,172.56	.014275	
Saugus	636.045	76,325.40	.007557	
Somerville	3,311.092	397,331.04	.039341	
Stoneham	721.736	86,608.32	.008575	
Swampscott	498.898	59,867.76	.005928	
Wakefield*	286.630	34,395.60	.003406	
Waltham	3,059.755	367,170.60	.036355	
Watertown	1,747.056	209,646.72	.020758	
Winchester*	238.773	28,652.76	.002837	
Winthrop	690.421	82,850.52	.008203	
	84,163.807	\$10,099,656.84		1.000000

\* Partial Supply Only.

Note: Not included in above:

Assessment for Water Connections:

Lexington—third of ten payments \$36,529.46  
 Needham—fifth of ten payments \$35,602.62  
 Norwood—eighth of ten payments \$95,000.00  
 Waltham—first of ten payments \$27,511.64  
 Wakefield—sixth of ten payments \$16,861.20

Assessment for Entrance Fees:

Needham—fifth of ten payments \$13,281.50  
 Peabody—seventh of ten payments \$11,380.00  
 Wakefield—sixth of ten payments \$10,954.40  
 Winchester—seventh of ten payments \$16,171.40

Water Discharged into Charles River, Ch. 603, Acts of 1950, 500 mil. gals. @ \$10 1 mil. gal.

8%	Wellesley	\$ 400
7	Weston	350
22	Newton	1,100
15	Waltham	750
13	Watertown	650
16	Cambridge	800
19	Boston	950

Total \$5,000

Credit to Brookline for property acquired: twelfth of twenty-five payments—\$1,887.40

**COMPARISON OF ASSESSMENTS 1963 AND 1964  
WITH REVENUE FROM WATER RATES IN 1963**

Cities and Towns	Water 1963	Assessments 1964	Water Revenue Received by Cities and Towns 1963
Arlington	\$ 207,990.00	\$ 211,548.36	\$ 461,877.81
Belmont	100,151.64	108,128.52	303,911.18
Boston	5,132,797.20	5,315,843.64	8,250,135.12
Brookline	274,373.04	279,580.20	661,579.14
Cambridge	2,192.40	30,652.20	1,314,029.62
Chelsea	172,347.00	183,933.36	438,315.97
Everett	372,643.08	370,698.96	665,236.48
Lexington	154,930.44	171,465.84	385,559.75
Lynnfield Water District	9,994.20	10,488.72	65,000.35
Malden	249,789.48	253,056.48	438,939.50
Marblehead	66,358.56	73,573.08	282,040.18
Medford	284,062.56	283,794.84	544,871.37
Melrose	88,830.24	101,360.04	235,779.88
Milton	92,950.44	100,850.04	243,581.29
Nahant	16,089.24	16,653.72	34,632.33
Needham	35,704.80	40,725.60	391,794.02
Newton	496,374.72	485,175.12	1,103,957.11
Norwood	138,327.60	135,609.60	341,490.14
Peabody	10,712.76	34,866.84	380,099.91
Quincy	395,297.52	404,630.40	980,316.99
Revere	135,575.52	144,172.56	265,754.25
Saugus	65,853.12	76,325.40	185,763.00
Somerville	398,726.28	397,331.04	850,458.89
Stoneham	76,416.84	86,608.32	215,734.34
Swampscott	49,984.92	59,867.76	146,813.73
Wakefield	42,608.88	34,395.60	480,448.03
Waltham	335,636.64	367,170.60	721,229.65
Watertown	210,422.28	209,646.72	452,262.87
Winchester	35,252.64	28,652.76	285,303.19
Winthrop	80,808.00	82,850.52	180,946.45
	<hr/> \$9,733,202.04	<hr/> \$10,099,656.84	<hr/> \$21,307,862.04

**METROPOLITAN PARKS DISTRICT**  
**METROPOLITAN PARKS DEBT**

Gross (and net) June 30, 1964

Bonds outstanding (serial)

Neponset River Drainage and Flood Control Act of 1955 . . . . .	\$ 1,473,000.00
Neponset River Drainage and Flood Control, Act of 1961 . . . . .	500,000.00
Charles River Basin Improvement Loan Act of 1957 . .	1,080,000.00
Charles River Flood Control, Act of 1955 . . . . .	715,000.00
Charles River Flood Control, Act of 1961 . . . . .	500,000.00
Metropolitan District Beach Erosion Loan Act of 1956	
Metropolitan District Commission Recreational Loan, Act of 1955 . . . . .	1,694,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 . . . . .	700,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 . . . . .	3,859,000.00
Mystic River Dam Loan, Act of 1957 . . . . .	3,888,000.00
Metropolitan District Park Loan Act of 1961 . . . . .	3,866,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 . . . . .	2,350,000.00
	950,000.00
Total net parks debt June 30, 1964 . . . . .	\$21,575,000.00

METROPOLITAN PARKS EXPENSES

Debt Service:

	Serial Bonds	Interest
Neponset River Drainage Flood Control, Act of 1955 . . . . .	\$103,000.00	\$ 43,144.50
Neponset River Drainage and Flood Control, Act of 1961 . .	22,013.00	15,241.67
Charles River Basin Improvement Loan, Act of 1957 . . . . .	40,000.00	37,125.00
Charles River Flood Control, Act of 1955 . . . . .	50,000.00	23,887.50
Charles River Flood Control, Act of 1961 . . . . .	22,013.00	15,241.67
Metropolitan District Beach Erosion Loan, Act of 1956 . . .	—	55,781.25
Metropolitan District Commission Recreational Loan, Act of 1955	50,000.00	22,500.00
Metropolitan District Commission Recreational Loan, Act of 1957	247,000.00	130,432.50
Mystic River Dam Loan, Act of 1957 . . . . .	29,723.10	57,752.50
Metropolitan District Commission Recreational Loan, Act of 1959	241,000.00	129,975.50
Metropolitan District Park Loan, Act of 1961 . . . . .	125,000.00	70,137.50
Metropolitan District Commission Recreational Loan, Act of 1962	44,414.00	27,299.50
	<u>\$974,163.10</u>	<u>\$628,519.09</u>
Interest on Average Monthly Deficit		1,770.29
		<u>\$630,289.38</u>
Maintenance as appropriated by the Legislature		1,604,452.48
Total Metropolitan Parks expenses to be assessed		4,474,559.56
		<u>\$6,079,012.04</u>

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Proportion of Interest, Serial Bonds and Maintenance Requirements  
as Determined by the Metropolitan District Commission*

Cities and Towns	Valuation Ch. 559, Acts of 1945	Valuation Per Cent Note 1	Population 1960 Census	Population Per Cent Acts of 1949	Average Per Cent Ch. 554 (Note 2)
Arlington	\$ 63,327,779	.018132	49,953	.024626	.020297
Belmont	57,954,895	.016594	28,715	.014156	.015781
Boston	1,437,779,078	.411665	697,197	.343706	.389012
Braintree	31,968,400	.009153	31,069	.015316	.011207
Brookline	164,949,098	.047228	54,044	.026643	.040366
Cambridge	188,515,872	.053976	107,716	.053102	.053685
Canton	10,101,349	.002892	12,771	.006296	.004027
Chelsea	46,441,609	.013297	33,749	.016638	.014411
Dedham	29,105,423	.008333	23,869	.011767	.009478
Dover	6,325,116	.001811	2,846	.001403	.001675
Everett	88,165,414	.025244	43,544	.021466	.023985
Hingham	18,999,428	.005440	15,378	.007581	.006154
Hull	17,900,393	.005125	7,055	.003478	.004576
Lynn	151,194,710	.043290	94,478	.046576	.044386
Malden	77,119,332	.022081	57,676	.028433	.024198
Medford	86,696,291	.024823	64,971	.032030	.027225
Melrose	43,827,859	.012549	29,619	.014602	.013233
Milton	44,725,770	.012806	26,375	.013002	.012871
Nahant	5,722,850	.001639	3,960	.001952	.001743
Needham	30,261,434	.008664	25,793	.012715	.010014
Newton	181,961,300	.052099	92,384	.045544	.049914
Quincy	145,077,833	.041539	87,409	.043011	.042056
Revere	42,040,213	.012037	40,080	.019759	.014611
Saugus	17,446,731	.004495	20,666	.010188	.006726
Somerville	122,784,622	.035156	94,697	.046684	.038999
Stoneham	16,420,347	.004702	17,821	.008785	.006063
Swampscott	26,905,763	.007704	13,294	.006554	.007321
Wakefield	24,960,810	.007147	24,295	.011977	.008757
Waltham	62,078,958	.017774	55,413	.027318	.020955
Watertown	59,318,707	.016984	39,092	.019272	.017747
Wellesley	49,542,385	.014185	26,071	.012853	.013741
Weston	12,634,820	.003618	8,261	.004072	.008769
Westwood	8,630,467	.002471	10,354	.005104	.003349
Weymouth	57,187,043	.016374	48,177	.023750	.018833
Winchester	37,874,919	.010844	19,376	.009552	.010413
Winthrop	26,644,419	.007620	20,303	.010009	.008422
		\$ 3,492,591,437	1.000000	2,028,471	1.000000
Cohasset (Note 3)		11,063,194	.003158	5,840	.002871
		\$ 3,503,654,631		2,034,311	

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance—(8% of its proportion)

## METROPOLITAN SEWERAGE FUND

### METROPOLITAN SEWERAGE DEBT

Gross (and net) debt June 30, 1964

Bonds outstanding (serial):

Sewerage Loan, North System—(705) . . . . .		\$ 1,099,000.00
District Sewerage Loan, Act of 1949—(606) . . . . .		20,262,000.00
Sewerage Loan, Act of 1951—North System—(645) . . . . .		20,769,000.00
Sewerage Loan, North District, Act of 1961—(757) . . . . .		767,000.00
District Sewerage Loan, Act of 1954—(456) . . . . .		599,000.00
District Sewerage Loan, Act of 1954—(399) . . . . .		835,000.00
Sewerage Loan, Act of 1955—(682) . . . . .		308,000.00
District Sewerage Loan, North System, Act of 1958 . . . . .		125,000.00
Sewerage Loan, Act of 1961—(515) . . . . .		22,187,000.00
District Sewerage Relief Loan, Act of 1961—(516) . . . . .		3,420,000.00
Sewerage South System—(705) . . . . .		4,688,000.00
Sewerage Loan, South System—(591) . . . . .		75,000.00
District Sewerage Loan, Act of 1951—(527) . . . . .		1,397,000.00
District Sewerage Second Loan, Act of 1951—(599) . . . . .		1,564,000.00
District Sewerage Loan, Act of 1953—(642) . . . . .		694,000.00
District Sewerage Loan, Act of 1954—(580) . . . . .		424,000.00
District Sewerage Loan, Act of 1955—(410) . . . . .		990,000.00
District Sewerage Loan, Act of 1955—(551) . . . . .		769,000.00
District Sewerage Loan, Act of 1957—(710) . . . . .		835,000.00
District Sewerage Loan, Act of 1957—(764) . . . . .		415,000.00
Sewerage Loan, Act of 1962—(658) . . . . .		—
Second Met. Sewerage Loan, Act of 1962 . . . . .		—
<hr/>		
Total Net Debt, June 30, 1964 . . . . .		\$82,222,000.00

### METROPOLITAN SEWERAGE EXPENSES

	Serial Bonds	Interest
Sewerage Loan, North System (705) . . . . .	\$ 142,000.00	\$ 20,825.00
District Sewerage Loan, Act of 1949 (606) . . . . .	836,000.00	646,802.50
Sewerage Loan, Act of 1951, North System (645) . . . . .	777,000.00	506,952.50
Sewerage Loan, North District, Act of 1961 (757) . . . . .	37,000.00	16,874.00
District Sewerage Loan, Act of 1954 (456) . . . . .	25,000.00	18,468.75
District Sewerage Loan, Act of 1954 (399) . . . . .	25,339.86	29,225.00
Sewerage Loan, Act of 1955 (682) . . . . .	92,000.00	6,630.00
District Sewerage Loan, North System, Act of 1958 . . . . .	5,000.00	4,375.00
Sewerage Loan, Act of 1961 (515) . . . . .	550,440.46	721,034.00
District Sewerage Relief Loan, Act of 1961 (516) . . . . .	78,125.38	137,400.00
Sewerage South System (705) Sewerage Loan, South System (591) . . . . .	565,851.22	96,355.00
District Sewerage Loan, Act of 1951 (527) . . . . .	—	1,562.50
	54,485.37	30,734.00

## METROPOLITAN SEWERAGE FUND

(Continued from Page 16)

District Sewerage Second Loan Act of 1951 (599) . . .	74,000.00	36,099.25
District Sewerage Loan, Act of 1953 (642) . . .	34,000.00	15,268.00
District Sewerage Loan, Act of 1954 (580) . . .	18,000.00	11,412.50
District Sewerage Loan, Act of 1955 (410) . . .	36,670.84	29,993.75
District Sewerage Loan, Act of 1955 (551) . . .	33,000.00	20,693.75
District Sewerage Loan, Act of 1957 (710) . . .	24,666.67	29,225.00
District Sewerage Loan, Act of 1957 (764) . . .	17,000.00	14,525.00
Sewerage Loan, Act of 1962 (658) . . . . .	—	27,360.00
Second Sewerage Loan, Act of 1962 (766) . . . . .	—	57,760.00
Interest on Average Monthly Deficit . . . . .	—	3,848.87
	\$3,425,579.80	\$2,483,424.37
Maintenance . . . . .		2,862,612.13
Total Metropolitan Sewerage Expenses . . . . .		\$8,771,616.30

North and South Systems combined under Chapter 612, Acts of 1959.

# METROPOLITAN SEWERAGE DISTRICT

## RATIOS OF CONTRIBUTION ON THE BASIS OF CHAP. 612, ACTS OF 1959 AND THE CENSUS RETURNS OF 1960, AS DETERMINED BY THE METROPOLITAN DISTRICT COMMISSION, SEWERAGE DIVISION

City or Town	Pro-Rated Demand M.G.D.	Ratios in Percentage		Ratios in Percentage	
		for Principal and Interest Acts of 1959*	Population Chap. 612 U. S. Census 1960	for Maintenance Fiscal Year Ending June 30, 1964	
Arlington	17,344	2.09	49,953		2.89
Belmont	10.999	1.32	28,715		1.66
Boston	420,555 **	18.39	319,636		18.46
Braintree	7.091	0.85	31,069		1.79
Brookline	24,423	2.94	54,044		3.12
Cambridge	107,049	12.90	107,716		6.22
Canton	7.018	0.85	12,771		0.74
Chelsea	25.832	3.11	33,749		1.95
Dedham	9.566	1.15	23,869		1.38
Everett	23.455	2.83	43,544		2.52
Framingham	3.101	0.37	44,526		2.57
Hingham	3.106	0.38	5,700		0.33
Lexington	0.986	0.12	27,691		1.60
Malden	21.644	2.61	57,676		3.33
Medford	45.834	5.52	64,971		3.75
Melrose	22.200	2.67	29,619		1.71
Milton	25.504	3.07	26,373		1.52
Natick	4.385	0.53	28,831		1.67
Needham	0.892	0.11	25,793		1.49
Newton	58,774	7.88	92,884		3.34
Norwood	9.383	1.13	24,898		1.44
Quincy	49.951	6.02	87,409		5.05
Randolph	4.900	0.59	18,900		1.09
Reading	1.437	0.17	19,259		1.11
Revere	11.492	1.38	40,080		2.31
Somerville	37.204	4.48	94,697		5.47
Stoneham	9.592	1.16	17,821		1.03
Stoughton	0.887	0.11	16,328		0.94
Wakefield	11.032	1.33	24,295		1.40
Walpole	2.832	0.34	14,068		0.81
Waltham	18.263	2.20	58,065***		3.35
Watertown	17,365	2.09	39,092		2.26
Wellesley	3.493	0.42	26,071		1.51
Westwood	3.453	0.42	10,354		0.60
Weymouth	15.353	1.85	48,177		2.78
Wilmington	1.586	0.19	12,475		0.72
Winchester	25.039	3.02	19,376		1.12
Winthrop	10.426	1.26	20,303		1.17
Woburn	24.457	2.95	31,214		1.80
 <b>Totals</b>	 <b>1,097,983</b>	 <b>100.00</b>	 <b>1,731,514</b>	 <b>100.00</b>	

\* Revised in accordance with Chap. 230, Acts of 1961

\*\* Boston Metropolitan Sewerage District, and Boston Main Drainage District.

\*\*\* Including 2652 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of the Middlesex County Tuberculosis Hospital.

August 27, 1964    Acc. No. 8831

## METROPOLITAN SEWERAGE DISTRICT

*Total Assessments*

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 71,594.62	\$ 51,903.57	\$ 82,729.50	\$ 206,227.69
Belmont	45,217.65	32,781.20	47,519.36	125,518.21
Boston	629,964.13	456,701.74	528,438.20	1,615,104.07
Braintree	29,117.43	21,109.11	51,240.76	101,467.30
Brookline	100,712.05	73,012.68	89,313.50	263,038.23
Cambridge	441,899.79	320,361.74	178,054.47	940,316.00
Canton	29,117.43	21,109.11	21,183.33	71,409.87
Chelsea	106,535.53	77,234.50	55,820.94	239,590.97
Dedham	39,394.17	28,559.38	39,504.05	107,457.60
Everett	96,943.91	70,280.91	72,137.83	239,362.65
Framingham	12,674.65	9,188.67	73,569.13	95,432.45
Hingham	13,017.20	9,437.01	9,446.62	31,900.83
Lexington	4,110.70	2,980.11	45,801.80	52,892.61
Malden	89,407.63	64,817.38	95,324.98	249,549.99
Medford	189,092.00	137,085.02	107,347.95	433,524.97
Melrose	91,462.98	66,307.43	48,950.67	206,721.08
Milton	105,165.30	76,241.13	43,511.70	224,918.13
Natick	18,155.57	13,182.15	47,805.62	79,123.31
Needham	3,768.14	2,731.77	42,652.92	49,152.83
Newton	242,531.05	175,826.44	152,863.50	571,220.99
Norwood	38,709.05	28,062.69	41,221.61	107,993.35
Quincy	206,219.90	149,502.15	144,561.91	500,283.96
Randolph	20,210.92	14,652.20	31,202.47	66,065.59
Reading	5,823.49	4,221.82	31,774.99	41,820.30
Revere	47,273.00	34,271.26	66,126.34	147,670.60
Somerville	153,465.98	111,251.41	156,584.88	421,308.27
Stoneham	39,736.73	28,807.72	29,484.90	98,029.35
Stoughton	3,768.14	2,731.77	26,908.55	33,408.46
Wakefield	45,560.21	33,029.54	40,076.57	118,666.32
Walpole	11,646.97	8,443.64	23,187.16	43,277.77
Waltham	75,362.76	54,635.34	95,897.51	225,895.61
Watertown	71,594.62	51,903.57	64,695.03	188,193.22
Wellesley	14,387.43	10,430.38	43,225.44	68,043.25
Westwood	14,387.43	10,430.38	17,175.67	41,993.48
Weymouth	63,373.23	45,943.35	79,580.62	188,897.20
Wilmington	6,508.60	4,718.51	20,610.81	31,837.92
Winchester	103,452.51	74,999.42	32,061.26	210,513.19
Winthrop	43,162.30	31,291.15	33,492.56	107,946.01
Woburn	101,054.60	73,261.02	51,527.02	225,842.64
	\$3,425,579.80	\$2,483,424.37	\$2,862,612.13	\$8,771,616.30

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Net Debt June 30, 1964	\$82,222,000.00	\$111,299,000.00	\$21,575,000.00	\$215,096,000.00
Arlington	1,718,439.80	2,331,268.85	391,197.90	4,440,906.55
Belmont	1,085,330.40	1,191,567.09	358,015.55	2,634,913.04
Boston	15,120,625.80	58,581,004.36	8,881,672.38	82,583,302.54
Braintree	698,887.00	—	197,475.97	896,362.97
Brookline	2,417,326.80	3,080,978.92	1,018,944.10	6,517,249.82
Cambridge	10,606,638.00	337,792.47	1,164,532.20	12,108,962.67
Canton	698,887.00	—	62,394.90	761,281.90
Chelsea	2,557,104.20	2,026,977.39	286,882.77	4,870,964.36
Dedham	945,553.00	—	179,784.47	1,125,337.47
Dover	—	—	39,072.32	39,072.32
Everett	2,326,882.60	4,085,118.50	544,639.30	6,956,640.40
Framingham	304,221.40	—	—	304,221.40
Hingham	312,443.60	—	117,368.00	429,811.60
Hull	—	—	110,571.88	110,571.88
Lexington	98,666.40	1,889,523.12	—	1,988,189.52
Lynn	—	—	933,981.75	933,981.75
Lynnfield Water District	—	115,639.66	—	115,639.66
Malden	2,145,994.20	2,788,707.74	476,397.57	5,411,099.51
Marblehead	—	810,813.22	—	810,813.22
Medford	4,538,654.40	3,127,390.60	535,556.22	8,201,601.22
Melrose	2,195,327.40	1,116,996.76	270,744.67	3,583,068.83
Milton	2,524,215.40	1,111,320.52	276,289.45	3,911,825.37
Nahant	—	183,532.05	35,361.42	218,893.47
Natick	435,776.60	—	—	435,776.60
Needham	90,444.20	448,757.57	186,925.80	726,127.57
Newton	5,821,317.60	5,346,692.66	1,124,035.92	12,292,046.18
Norwood	929,108.60	1,494,411.67	—	2,423,520.27
Peabody	—	384,204.15	—	384,204.15
Quincy	4,949,764.40	4,459,194.44	896,203.93	10,305,162.77
Randolph	485,109.80	—	—	485,109.80
Reading	139,777.40	—	—	139,777.40
Revere	1,134,663.60	1,588,793.23	259,698.28	2,953,155.11
Saugus	—	841,086.54	107,767.13	948,853.67
Somerville	3,683,545.60	4,378,613.96	758,490.70	8,820,650.26
Stoneham	953,775.20	954,388.93	101,445.65	2,009,609.78
Stoughton	90,444.20	—	—	90,444.20
Swampscott	—	659,780.47	166,213.80	825,994.27
Wakefield	1,093,552.60	379,084.39	154,196.53	1,626,828.52
Walpole	279,554.80	—	—	279,554.80
Waltham	1,808,884.00	4,046,275.15	383,474.05	6,238,633.20
Watertown	1,718,439.80	2,310,344.64	366,429.80	4,395,214.21
Wellesley	345,332.40	—	306,041.38	651,373.78
Weston	—	—	78,058.35	78,058.35
Westwood	345,332.40	—	53,311.83	398,644.23
Weymouth	1,521,107.00	—	353,269.05	1,874,376.05
Wilmington	156,221.80	—	—	156,221.80
Winchester	2,483,104.40	315,755.26	233,959.30	3,032,818.96
Winthrop	1,085,997.20	912,985.69	164,595.68	2,113,578.57
Woburn	2,425,549.00	—	—	2,425,549.00
	\$82,222,000.00	\$111,299,000.00	\$21,575,000.00	\$215,096,000.00

The Commonwealth of Massachusetts

MASS.  
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COLL.

1965

ASSESSMENTS  
FOR  
INTEREST, SERIAL BONDS  
AND MAINTENANCE  
OF THE  
METROPOLITAN DISTRICTS

Compiled in the Office of  
ROBERT Q. CRANE  
TREASURER AND RECEIVER-GENERAL

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AUG 3 1966

UNIVERSITY OF  
MASSACHUSETTS

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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1965

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1961, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1964, bonds have been issued as follows:

Met. Dist. Park Loan, Act of 1961 . . . . .	\$1,800,000
Mystic River Dam Loan, Act of 1957 . . . . .	2,000,000
Mystic River Dam Loan, Act of 1963 . . . . .	4,800,000
Met. Dist. Comm. Recreational Loan, Act of 1962 . . . . .	1,080,000
Met. Dist. Comm. Recreational Loan, Act of 1963 . . . . .	1,000,000
Met. Sewerage Loan, Act of 1961 . . . . .	2,220,000
Met. Dist. Sewerage Relief Loan, Act of 1961 . . . . .	1,480,000
Met. Sewerage Loan, Act of 1962 . . . . .	1,710,000
Second Met. Sewerage Loan, Act of 1962 . . . . .	3,610,000
Met. District Sewerage Relief Loan, Act of 1962 . . . . .	950,000
Met. Water Dist. Additional Loan, Act of 1961 . . . . .	4,000,000
Met. Water Dist. Water Use Development Loan . . . . .	2,310,000

## METROPOLITAN SEWER

### Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight; on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

#### METROPOLITAN WATER

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the pro-

visions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirements of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per

cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1965

	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 227,655.60	\$ 156,068.45	\$ 214,877.55	\$ 598,601.60
Belmont	111,678.96	122,812.47	130,880.38	365,371.81
Boston	5,364,088.56	2,273,052.91	1,683,215.91	9,320,357.38
Braintree		89,733.80	106,608.20	196,342.—
Brookline	299,582.84	267,784.13	274,628.72	841,945.69
Cambridge	26,184.36	349,238.84	985,986.99	1,361,410.19
Canton		33,783.42	80,900.34	114,683.76
Chelsea	177,102.00	81,087.89	251,027.03	509,216.92
Cohasset		1,247.20		1,247.20
Dedham		83,765.00	111,464.90	195,229.90
Dover		14,150.44		14,150.44
Everett	367,970.16	209,873.56	262,077.40	839,921.12
Framingham			98,220.71	98,220.71
Hingham		48,865.31	33,354.19	82,219.50
Hull		33,312.20		33,312.20
Lexington	177,659.16		54,264.95	231,924.11
Lynn		313,870.39		313,870.39
Lynnfield Water District	10,586.40			10,586.40
Malden	249,113.88	157,874.51	259,557.75	666,546.14
Marblehead	80,503.56			80,503.56
Medford	292,054.80	178,654.68	453,999.50	924,708.98
Melrose	114,858.24	97,847.65	216,561.10	429,266.99
Milton	115,593.24	103,684.48	235,336.00	454,613.72
Nahant	17,226.84	12,727.86		29,954.70
Natick			82,512.95	82,512.95
Needham	45,019.80	96,736.33	50,425.07	192,181.20
Newton	492,522.48	382,072.75	597,181.71	1,471,776.94
Norwood	153,585.60		110,099.89	263,685.49
Peabody	34,681.20			34,681.20
Quincy	393,349.20	305,348.90	522,575.63	1,221,273.73
Randolph			68,051.01	68,051.01
Reading			43,058.15	43,058.15
Revere	157,336.92	107,710.30	153,627.35	418,674.57
Saugus	84,066.00	55,335.61		139,401.61
Somerville	398,171.64	249,299.11	440,030.86	1,087,501.61
Stoneham	95,660.88	49,988.91	101,855.87	247,505.66
Stoughton			33,721.00	33,721.—
Swampscott	.61,736.16	58,723.92		120,460.08
Wakefield	37,996.80	72,076.59	123,902.67	233,976.06
Walpole	379,893.96		43,644.77	423,538.73
Waltham		165,850.68	235,188.75	401,039.43
Watertown	211,503.84	135,806.82	196,458.39	543,769.05
Wellesley		120,210.96	69,725.11	189,936.07
Weston		38,255.70		38,255.70
Westwood		34,529.46	41,871.96	76,401.42
Weymouth		172,868.98	196,065.42	368,934.40
Wilmington			32,903.50	32,903.50
Winchester	43,934.64	81,784.72	217,402.87	343,122.23
Winthrop	85,024.20	56,894.84	112,811.30	254,730.34
Woburn			236,036.18	236,036.18
	\$10,306,291.92	\$ 6,812,929.77	\$ 9,162,112.03	\$26,281,333.72

# METROPOLITAN WATER DISTRICT

## METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1965

### Bonds Outstanding (serial)

#### Water Loan

Additional Water Loan . . . . .	\$13,064,000.00
Water Use Development Loan . . . . .	52,379,000.00
Water Main Loan, Act of 1949 . . . . .	1,760,000.00
Water Main Loan, Act of 1954 . . . . .	1,057,000.00
Water Main Loan, Act of 1957 . . . . .	1,720,000.00
Water Main Loan, Act of 1959 . . . . .	1,299,000.00
Water Loan, Act of 1950 . . . . .	10,533,000.00
Water Loan, Act of 1952 . . . . .	5,535,000.00
Clinton Sewerage Loan . . . . .	430,000.00
Metropolitan Water District Additional Loan, Act of 1956 . . . . .	18,502,000.00
Metropolitan Water District Additional Loan, Act of 1961 . . . . .	<u>5,940,000.00</u>

Total net water debt June 30, 1965

\$112,219,000.00

## METROPOLITAN WATER EXPENSES

Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Water Loan		
Additional Water Loan . . . . .	\$1,721,000.00	\$ 245,272.50
Water Use Development Loan . . . . .	2,366,000.00	1,404,962.33
Water Main Loan, Act of 1949	110,000.00	31,790.00
Water Main Loan, Act of 1954	53,000.00	28,048.00
Water Main Loan, Act of 1957	76,000.00	60,080.00
Water Main Loan, Act of 1959	49,000.00	43,531.25
Water Loan, Act of 1950 . . . . .	387,000.00	257,082.50
Water Loan, Act of 1952 . . . . .	155,000.00	170,112.50
Clinton Sewage Loan Act of 1959 . . . . .	22,000.00	7,717.50
Metropolitan Water District Additional Loan, Act of 1961	35,120.00	57,137.78
Metropolitan Water District Additional Loan, Act of 1956	411,000	622,486.25
Water Connection Loan (Wakefield)		
Interest on Average Monthly Deficit		10,760.64
	<u>\$5,385,120.00</u>	<u>\$2,938,981.25</u>
Brookline Credit for Property acquired		\$8,324,101.25 1,887.40
Total Bond Expenses		<u>\$8,325,988.65</u>

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G. L. C. 92, S. 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1965.

*Fund Requirements — July 1, 1964:*

2,310,187.07

*Net Fiscal Year Charges:*

Appropriations . . . . .	\$ 5,304,850.00
Appropriations of Restricted Revenue . . . . .	7,776.89
Expenditures Authorized — Not Appropriated — Debt Service . . . . .	8,325,988.65*
Authorized Transfers . . . . .	570,847.07
Total . . . . .	<u>\$14,209,462.61</u>

*Deduct — Reversions:*

Current Fiscal Year . . . . .	\$110,079.79
Accounts Payable . . . . .	<u>27,939.62</u>
Total Charges . . . . .	<u>\$16,381,630.27</u>

*Operating Revenues:*

District Assessments . . . . .	\$10,433,034.26
Proceeds from Sale of Water . . . . .	
Use Development Loan Bonds . . . . .	2,310,000.00
Other Direct Revenue . . . . .	<u>1,027,973.70</u>
Total Revenues . . . . .	<u>\$13,771,007.96</u>

*Fund Requirements, June 30, 1965*

\$ 2,610,622.31

\* Includes \$1,887.40 credit to the Town of Brookline.

## METROPOLITAN WATER ASSESSMENT FOR 1965

Cities and Towns	Total Consumption for 1964 in Million Gallons	1964 Charge at \$120 per Million Gallons (Ch. 723, for Computing Acts of 1962)	Proportion Share of Debt
Arlington	1,897.130	\$ 227,655.60	.022089
Belmont	930.658	111,678.96	.010836
Boston	44,700.738	5,364,088.56	.520467
Brookline	2,496.107	299,532.84	.029063
Cambridge*	218.203	26,184.36	.002541
Chelsea	1,475.850	177,102.00	.017184
Everett	3,066.418	367,970.16	.035703
Lexington	1,480.493	177,659.16	.017238
Lynnfield Water District	88.220	10,586.40	.001027
Malden	2,075.949	249,113.88	.024171
Marblehead	670.863	80,503.56	.007811
Medford	2,433.790	292,054.80	.028338
Melrose	957.152	114,858.24	.011144
Milton	963.277	115,593.24	.011216
Nahant	143.557	17,226.84	.001671
Needham*	375.165	45,019.80	.004368
Newton	4,104.354	492,522.48	.047789
Norwood	1,279.880	153,585.60	.014902
Peabody*	289.010	34,681.20	.003365
Quincy	3,277.910	393,349.20	.038166
Revere	1,311.141	157,336.92	.015266
Saugus	700.550	84,066.00	.008157
Somerville	3,318.097	398,171.64	.038634
Stoneham	797.174	95,660.88	.009282
Swampscott	514.468	61,736.16	.005990
Wakefield*	316.640	37,996.80	.003687
Waltham	3,165.783	379,893.96	.036860
Watertown	1,762.532	211,503.84	.020522
Winchester*	366.122	43,934.64	.004263
Winthrop	708.535	85,024.20	.008250
	85,885.766	\$10,306,291.92	1.800000

\* Partial Supply Only.

Note: Not included in above:

## Assessment for Water Connections:

- Lexington—fourth of ten payments \$36,529.46
- Needham—sixth of ten payments \$85,602.62
- Norwood—ninth of ten payments \$95,000.00
- Waltham—second of ten payments \$27,511.64
- Wakefield—seventh of ten payments \$10,861.20

## Assessment for Entrance Fees:

- Needham—sixth of ten payments \$13,281.50
- Peabody—eighth of ten payments \$11,380.00
- Wakefield—seventh of ten payments \$10,954.40
- Winchester—eighth of ten payments \$16,171.40

Water discharged into Charles River. Ch. 603, Acts of 1950, 500 mil gals. @ \$10 mil gal.

8%	Wellesley	\$ 400.00
7	Weston	350.00
22	Newton	1100.00
15	Waltham	750.00
13	Watertown	650.00
16	Cambridge	800.00
19	Boston	950.00
	Total	\$5,000.00

Credit to Brookline for property acquired: Thirteenth of twenty-five payments—\$1,887.40

**COMPARISON OF ASSESSMENTS 1964 AND 1965  
WITH REVENUE FROM WATER RATES IN 1964**

Cities and Towns	Water 1964	Assessments	Water Revenue Received by	
			Cities and Towns	1964
Arlington	\$ 211,548.36	\$ 227,655.60	\$ 575,647.30	
Belmont	108,128.52	111,678.96	322,866.59	
Boston	5,315,843.64	5,364,088.56	10,201,170.69	
Brookline	279,580.20	299,532.84	729,798.29	
Cambridge	30,652.20	26,184.36	1,207,736.45	
Chelsea	183,933.36	177,102.00	418,932.73	
Everett	370,698.96	367,970.16	677,417.55	
Lexington	171,465.84	177,659.16	494,135.40	
Lynnfield Water District	10,488.72	10,586.40	62,301.48	
Malden	253,056.48	249,113.88	475,419.00	
Marblehead	73,573.08	80,503.56	311,950.60	
Medford	283,794.84	292,054.80	721,264.74	
Melrose	101,360.04	114,858.24	286,159.39	
Milton	100,850.04	115,593.24	305,081.72	
Nahant	16,653.72	17,226.84	34,706.47	
Needham	40,725.60	45,019.80	389,120.53	
Newton	485,175.12	492,522.48	1,109,668.26	
Norwood	135,609.60	153,585.60	386,280.13	
Peabody	34,866.84	34,681.20	383,377.58	
Quincy	404,630.40	393,349.20	946,493.68	
Revere	144,172.56	157,336.92	262,001.97	
Saugus	76,325.40	84,066.00	187,877.00	
Somerville	397,331.04	398,171.64	927,884.43	
Stoneham	86,608.32	95,660.88	243,192.83	
Swampscott	59,867.76	61,736.16	192,685.99	
Wakefield	34,395.60	37,996.80	453,067.23	
Waltham	367,170.60	379,893.96	879,601.31	
Watertown	209,646.72	211,503.84	451,080.26	
Winchester	28,652.76	43,934.64	298,426.69	
Winthrop	82,850.52	85,024.20	195,535.94	
	<b>\$10,099,656.84</b>	<b>\$10,306,291.92</b>	<b>\$24,130,882.23</b>	

## METROPOLITAN PARKS DISTRICT

## METROPOLITAN PARKS DEBT

Gross (and net) June 30, 1965

Bonds outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 . . . . .	\$ 1,370,000.00
Neponset River Drainage and Flood Control, Act of 1961 . . . . .	475,000.00
Charles River Basin Improvement Loan Act of 1957 . . . . .	1,040,000.00
Charles River Flood Control Act of 1955 . . . . .	665,000.00
Charles River Flood Control Act of 1961 . . . . .	475,000.00
Metropolitan District Beach Erosion Loan Act of 1956 . . . . .	1,626,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 . . . . .	650,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 . . . . .	3,612,000.00
Mystic River Dam Loan, Act of 1957 . . . . .	5,718,000.00
Mystic River Dam Loan, Act of 1963 . . . . .	4,800,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 . . . . .	3,647,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 . . . . .	1,980,000.00
Metropolitan District Park Loan, Act of 1961 . . . . .	4,025,000.00
Metropolitan District Commission Recreational, Act of 1963	1,000,000.00

Total net parks debt June 30, 1965 . . . . . \$31,083,000.00

## METROPOLITAN PARKS EXPENSES

Debt Service:

	Serial Bonds	Interest
Neponset River Drainage and Flood Control, Act of 1955 . . . . .	\$103,000.00	\$ 40,211.50
Neponset River Drainage and Flood Control, Act of 1961 . . . . .	25,000.00	14,725.00
Charles River Basin Improvement Loan Act of 1957 . . . . .	40,000.00	35,775.00
Charles River Flood Control Act of 1955 . . . . .	50,000.00	22,312.50
Charles River Flood Control Act of 1961 . . . . .	25,000.00	14,725.00
Metropolitan District Beach Erosion Loan Act of 1956 . . . . .	—	53,613.75
Metropolitan District Commission Recreational Loan, Act of 1955 . .	50,000.00	21,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 . .	247,000.00	122,405.50
Mystic River Dam Loan, Act of 1957 . . . . .	228,000.00	175,826.11
Mystic River Dam Loan, Act of 1963 . . . . .	160,000.00	147,626.67
Metropolitan District Commission Recreational Loan, Act of 1959 . .	242,000.00	122,076.50
Metropolitan District Commission Recreational Loan, Act of 1962 . .	48,682.40	25,684.00
Metropolitan District Park Loan, Act of 1961 . . . . .	219,089.43	121,822.50
Interest on Average Monthly Deficit . . . . .	3,065.29	
	\$1,437,771.83	\$920,869.32
Maintenance as appropriated by the Legislature . . . . .		4,454,288.62
Total Metropolitan Parks expenses to be assessed . . . . .		\$6,812,929.77

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements**  
**as Determined by the Metropolitan District Commission**

Cities and Towns	Valuation		Population 1960 Census	Population Per Cent	Average	
	Ch. 660	Per Cent			Per Cent	Ch. 554
	Acts of 1963 adj to nearest \$1,000 (000's omitted)	Note 1			Acts of 1949 Note 2.	
Arlington	\$ 110,391	.022434	49,953	.024626	.023165	
Belmont	94,029	.019109	28,715	.014156	.017458	
Boston	1,628,334	.330911	697,197	.343706	.335176	
Braintree	61,885	.012576	31,069	.015316	.013490	
Brookline	210,814	.042842	54,044	.026643	.037443	
Cambridge	249,777	.050760	107,716	.053102	.051541	
Canton	22,574	.004587	12,771	.006296	.005157	
Chelsea	52,087	.010585	33,749	.016638	.012603	
Dedham	61,241	.012445	23,869	.011767	.012219	
Dover	11,146	.002265	2,846	.001403	.001978	
Everett	164,421	.033414	43,544	.021466	.029432	
Hingham	34,740	.007060	15,378	.007581	.007234	
Hull	25,999	.005284	7,055	.003478	.004682	
Lynn	226,053	.045939	94,478	.046576	.046152	
Malden	106,839	.021712	57,676	.028433	.023953	
Medford	121,107	.024611	64,971	.032030	.027084	
Melrose	70,358	.014298	29,619	.014602	.014400	
Milton	77,947	.015840	26,375	.013002	.014894	
Nahant	9,081	.001845	3,960	.001952	.001881	
Needham	71,924	.014616	25,793	.012715	.013982	
Newton	290,472	.059030	92,384	.045544	.054534	
Quincy	222,963	.045311	87,409	.043091	.044571	
Revere	72,400	.014713	40,080	.019759	.016395	
Saugus	37,146	.007549	20,666	.010188	.008428	
Somerville	166,267	.033789	94,697	.046684	.038087	
Stoneham	34,132	.006936	17,821	.008785	.007552	
Swampscott	45,256	.009197	13,294	.006554	.008316	
Wakefield	50,158	.010193	24,295	.011977	.010787	
Waltham	115,743	.023521	55,413	.027318	.024786	
Watertown	99,022	.020123	39,092	.019272	.019839	
Wellesley	93,415	.018984	26,071	.012853	.016940	
Weston	29,754	.006047	8,261	.004072	.005388	
Westwood	24,899	.005060	10,354	.005104	.005074	
Weymouth	127,113	.025832	48,177	.023750	.025138	
Winchester	62,448	.012691	19,376	.009552	.011644	
Winthrop	38,829	.007891	20,303	.010009	.008597	
Total	<u>\$4,920,764</u>	<u>1.000000</u>	<u>2,028,471</u>	<u>1.000000</u>	<u>1.000000</u>	
Cohasset (Note 3)m	<u>18,797</u>	<u>.003805</u>	<u>5,840</u>	<u>.002871</u>	<u>.000280</u>	
Total	<u>\$4,939,561</u>		<u>2,034,311</u>			

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance — (8% of its proportion.)

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Total Assessments*

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 32,254.97	\$ 20,658.78	\$ 103,154.70	\$ 156,068.45
Belmont	27,474.38	17,596.89	77,741.20	122,812.47
Boston	475,774.51	304,725.79	1,492,552.61	2,278,052.91
Braintree	18,081.42	11,580.85	60,071.58	89,733.80
Brookline	61,597.02	39,451.88	166,735.23	267,784.13
Cambridge	72,981.30	46,743.33	229,514.21	349,238.84
Canton	6,595.06	4,224.03	22,964.33	33,783.42
Chelsea	15,218.81	9,747.40	56,121.68	81,087.89
Cohasset			1,247.20	1,247.20
Dedham	17,893.07	11,460.22	54,411.71	88,765.00
Dover	3,256.55	2,085.77	8,808.12	14,150.44
Everett	48,041.71	30,769.93	131,061.92	209,873.56
Hingham	10,150.67	6,501.34	32,213.30	48,865.31
Hull	7,597.19	4,865.87	20,849.14	33,312.20
Lynn	66,049.80	42,303.82	205,516.77	313,870.39
Malden	31,216.90	19,993.91	106,663.70	157,874.51
Medford	35,385.00	22,663.51	120,606.17	178,654.68
Melrose	20,557.26	13,166.59	64,123.80	97,847.65
Milton	22,774.31	14,586.57	66,323.60	103,684.48
Nahant	2,652.69	1,699.00	8,376.17	12,727.86
Needham	21,014.47	13,459.43	62,262.43	96,736.33
Newton	84,871.67	54,358.92	242,842.16	382,072.75
Quincy	65,146.88	41,725.51	198,476.51	305,348.90
Revere	21,153.94	13,548.75	73,076.61	107,710.30
Saugus	10,853.74	6,951.64	37,530.23	55,335.61
Somerville	48,580.87	31,115.25	169,602.99	249,299.11
Stoneham	9,972.39	6,387.15	33,629.37	49,988.91
Swampscott	13,223.19	8,469.24	37,031.49	58,723.92
Wakefield	14,655.21	9,386.42	48,034.96	72,076.59
Waltham	33,817.83	21,659.77	110,373.08	165,850.68
Watertown	28,932.28	18,530.65	88,343.89	135,806.82
Wellesley	27,294.66	17,481.78	75,434.52	120,210.96
Weston	8,694.21	5,568.50	23,992.99	38,255.70
Westwood	7,275.13	4,659.60	22,594.73	34,529.46
Weymouth	37,140.52	23,787.90	111,940.56	172,868.98
Winchester	18,246.76	11,686.75	51,851.21	81,784.72
Winthrop	11,345.46	7,266.58	38,282.80	56,894.84
	\$1,437,771.83	\$920,869.32	\$4,454,288.62	\$6,812,929.77

## METROPOLITAN PARKS AND SEWERAGE DISTRICTS

*Comparison of Assessments 1964 and 1965*

	Parks		Sewerage	
	1964	1965	1964	1965
Arlington	\$ 119,889.81	\$ 156,068.45	\$ 206,227.69	\$ 214,877.55
Belmont	97,220.00	122,812.47	125,518.21	130,880.38
Boston	2,400,727.83	2,273,052.91	1,615,104.07	1,683,215.91
Braintree	64,819.65	89,733.80	101,467.30	106,608.20
Brookline	256,350.90	267,784.13	263,038.23	274,628.72
Cambridge	326,759.81	349,238.84	940,316.00	985,986.99
Canton	22,654.72	33,783.42	71,409.87	80,900.34
Chelsea	85,801.49	81,087.89	239,590.97	251,027.03
Cohasset	1,096.27	1,247.20		
Dedham	55,769.40	83,765.00	107,457.60	111,464.90
Dover	10,398.71	14,150.44		
Everett	147,798.82	209,873.56	239,362.65	262,077.40
Framingham			95,432.45	98,220.71
Hingham	36,257.91	48,865.31	31,900.83	33,354.19
Hull	28,693.40	33,312.20		
Lexington			52,892.61	54,264.95
Lynn	268,015.89	313,870.39		
Malden	143,676.78	157,874.51	249,549.99	259,557.75
Medford	161,617.36	178,654.68	433,524.97	453,999.50
Melrose	79,331.61	97,847.65	206,721.08	216,561.10
Milton	78,124.57	103,684.48	224,918.13	235,336.00
Nahant	10,426.94	12,727.86		
Natick			79,123.34	82,512.95
Needham	58,698.24	96,736.33	49,152.83	50,425.07
Newton	306,878.82	382,072.75	571,220.99	597,181.71
Norwood			107,993.35	110,099.89
Quincy	254,783.32	305,348.90	500,283.96	522,575.63
Randolph			66,065.59	68,051.01
Reading			41,820.30	43,058.15
Revere	84,674.56	107,710.30	147,670.60	153,627.35
Saugus	38,102.76	55,335.61		
Somerville	230,866.73	249,299.11	421,308.27	440,030.86
Stoneham	34,666.74	49,988.91	98,029.35	101,855.87
Stoughton	45,110.92		33,408.46	33,721.00
Swampscott		58,723.92		
Wakefield	50,641.14	72,076.59	118,666.32	123,902.67
Walpole			43,277.77	43,644.77
Waltham	122,258.95	165,850.68	225,895.61	235,188.75
Watertown	106,640.58	135,806.82	188,193.22	196,458.39
Wellesley	84,229.01	120,210.96	68,043.25	69,725.11
Weston	22,665.39	38,255.70		
Westwood	18,946.23	34,529.46	41,993.48	41,871.96
Weymouth	110,520.04	172,868.98	188,897.20	196,065.42
Wilmington			31,837.92	32,903.50
Winchester	63,980.85	81,784.72	210,513.19	217,402.87
Winthrop	49,915.89	56,894.84	107,946.01	112,811.30
Woburn			225,842.64	236,036.18
	<u>\$6,079,012.04</u>	<u>\$6,812,929.77</u>	<u>\$8,771,616.30</u>	<u>\$9,162,112.08</u>

# METROPOLITAN SEWERAGE DISTRICT

## METROPOLITAN SEWERAGE DEBT

Gross (and net) debt June 30, 1965

Bonds outstanding (serial):

Sewerage Loan, North System . . . . .	\$ 957,000.00
District Sewerage Loan, Act of 1949 . . . . .	19,426,000.00
Sewerage Loan, Act of 1951 (Ch. 645) . . . . .	19,992,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757) . . . . .	730,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452) . . . . .	574,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399) . . . . .	802,000.00
North Metropolitan Sewerage Loan, Act of 1955 . . . . .	216,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 . . . . .	120,000.00
Sewerage Loan, South System . . . . .	4,108,000.00
Metropolitan Sewerage Loan—South System (Hingham) . . . . .	50,000.00
District Sewerage Loan, Act of 1951 (Ch. 527) . . . . .	1,330,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . . . .	1,490,000.00
District Sewerage Loan, Act of 1953 . . . . .	660,000.00
District Sewerage Loan, Act of 1954 . . . . .	406,000.00
District Sewerage Loan, Act of 1955 (Ch. 410) . . . . .	948,000.00
District Sewerage Loan Act of 1955 (Ch. 551) . . . . .	736,000.00
District Sewerage Loan Act of 1957 (Ch. 710) . . . . .	802,000.00
District Sewerage Loan Act of 1957 (Ch. 764) . . . . .	398,000.00
Metropolitan Sewerage Loan, Act of 1961 . . . . .	23,824,000.00
District Sewerage Relief Loan, Act of 1961 . . . . .	4,810,000.00
District Sewerage Relief Loan, Act of 1962 (655) . . . . .	950,000.00
Metropolitan Sewerage Loan, Act of 1962 (658) . . . . .	1,710,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (766) . . . . .	3,610,000.00
<b>TOTAL</b> . . . . .	<b>\$88,649,000.00</b>

## METROPOLITAN SEWERAGE EXPENSES

Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Sewerage Loan, North System	\$ 142,000.00	\$ 18,285.00
District Sewerage Loan, Act of 1949 . . . . .	836,000.00	620,060.00
Sewerage Loan, Act of 1951, (Ch. 645) . . . . .	778,000.00	488,612.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	16,060.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452) . . . . .	25,000.00	17,691.25
Metropolitan District, Sewer- age Loan, Act of 1954 (399)	25,339.86	28,070.00
North Metropolitan Sewerage Loan, Act of 1955 . . . . .	92,000.00	4,410.00
Metrolopitian District Sewer- age Loan, Act of 1958 . . . . .	5,000.00	4,200.00
Sewerage Loan, South System	580,000.00	85,585.00
Metropolitan Sewerage Loan, South System (Hingham) . . . . .	19,132.16	937.50
District Sewerage Loan, Act of 1951 (Ch. 527) . . . . .	54,485.38	29,260.00

## METROPOLITAN SEWERAGE FUND

(Continued from Page 16)

District Sewerage Second Loan,			
Act of 1951 (Ch. 599) . . .	73,000.00	34,388.75	
District Sewerage Loan, Act of 1953 . . .	33,000.00	14,520.00	
District Sewerage Loan, Act of 1954 . . .	18,000.00	10,917.50	
District Sewerage Loan . . .	36,670.84	28,711.25	
District Sewerage Loan . . .	33,000.00	19,786.25	
District Sewerage Loan . . .	24,666.67	28,070.00	
District Sewerage Loan . . .	17,000.00	13,930.00	
Metropolitan Sewerage Loan . . .	643,000.00	700,782.33	
District Sewerage Relief . . .	130,000.00	144,403.22	
District Sewerage Relief . . .	23,841.00	944.72	
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658) . . .	45,000.00	51,872.00	
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	95,000.00	109,507.56	
Interest on Average Monthly Deficit . . .		1,294.38	
	\$3,766,135.91	\$2,472,299.21	\$6,238,435.12
Maintenance . . . . .			2,923,676.91
Total Metropolitan Sewerage Expenses . . . . .			\$9,162,112.03

North and South Systems combined under Chapter 612, Acts of 1959.

## METROPOLITAN SEWERAGE DISTRICT

RATIOS OF CONTRIBUTION ON THE BASIS OF CHAP. 612, ACTS OF 1959 AND THE  
CENSUS RETURNS OF 1960, AS DETERMINED BY THE METROPOLITAN  
DISTRICT COMMISSION, SEWERAGE DIVISION

City or Town	Pro-Rated Demand M.G.D.	Ratios in Percentage for Principal and Interest Chap. 612 Acts of 1959*	Population U. S. Census 1960	Ratios in Percentage for Maintenance Fiscal Year ending June 30, 1965
Arlington	17.378	2.09	49,953	2.89
Ashland	—	—	—	—
Belmont	10.999	1.32	28,715	1.66
Boston	÷419.318	18.33	319,636	18.46
Braintree	7.210	0.87	31,069	1.79
Brookline	24.422	2.94	54,044	3.12
Burlington	—	—	—	—
Cambridge	107.160	12.89	107,716	6.22
Canton	7.865	0.95	12,771	0.74
Chelsea	25.830	3.11	33,749	1.95
Dedham	9.486	1.14	23,869	1.38
Everett	25.077	3.02	43,544	2.52
Framingham	3.055	0.37	44,526	2.57
Hingham	3.186	0.38	5,700	0.33
Lexington	0.956	0.12	27,691	1.60
Malden	21.646	2.60	57,676	3.33
Medford	45.835	5.52	64,971	3.75
Melrose	22.201	2.67	29,619	1.71
Milton	25.468	3.06	26,375	1.52
Natick	4.483	0.54	28,881	1.67
Needham	0.892	0.11	25,793	1.49
Newton	58.774	7.07	92,384	5.34
Norwood	9.076	1.09	24,898	1.44
Quincy	49.947	6.01	87,409	5.05
Randolph	4.818	0.58	18,900	1.09
Reading	1.487	0.17	19,259	1.11
Revere	11.454	1.38	40,080	2.31
Somerville	37.313	4.49	94,697	5.47
Stoneham	9.592	1.15	17,821	1.03
Stoughton	0.835	0.10	16,328	0.94
Wakefield	11.031	1.35	24,295	1.40
Walpole	2.664	0.32	14,038	0.81
Waltham	18.263	2.20	#58,126	3.35
Watertown	17.365	2.09	39,092	2.26
Welesley	3.444	0.41	26,071	1.51
Westwood	3.249	0.39	10,354	0.60
Weymouth	15.320	1.84	48,177	2.78
Wilmington	1.586	0.19	12,475	0.72
Winchester	24.573	2.96	19,376	1.12
Winthrop	10.426	1.26	20,303	1.17
Woburn	24.472	2.94	31,214	1.80
	1,098.106	100.00	1,731,575	100.00

\* Revised in accordance with Chap. 230, Acts of 1961.

† Boston Metropolitan Sewerage District, and Boston Main Drainage District.

‡ Including 2,713 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of the Middlesex County Tuberculosis Hospital.

METROPOLITAN SEWERAGE DISTRICT  
*Total Assessments*

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 78,712.24	\$ 51,671.05	\$ 84,494.26	\$ 214,877.55
Belmont	49,712.99	32,634.35	48,533.04	130,880.38
Boston	690,832.71	453,172.44	539,710.76	1,683,215.91
Braintree	32,765.38	21,509.—	52,333.82	106,608.20
Brookline	110,724.40	72,685.60	91,218.72	274,628.72
Cambridge	485,454.92	318,679.37	181,852.70	985,986.99
Concord	35,778.29	23,486.84	21,635.21	80,900.34
Chelsea	117,126.83	76,888.50	57,011.70	251,027.03
Dedham	42,933.95	28,184.21	40,346.74	111,464.90
Everett	118,737.30	74,663.44	73,676.66	262,077.40
Framingham	18,934.70	9,147.51	75,138.50	98,220.71
Hingham	14,311.32	9,394.74	9,648.12	33,354.19
Lexington	4,519.36	2,966.76	46,778.83	54,264.95
Malden	97,919.53	64,279.78	97,358.44	259,557.75
Medford	207,890.70	136,470.92	109,637.88	453,999.50
Melrose	100,555.83	66,010.39	49,994.88	216,561.10
Milton	115,243.76	75,652.35	44,439.89	235,336.00
Natick	20,837.13	13,850.42	48,825.40	82,512.95
Needham	4,142.75	2,719.58	43,562.79	50,425.07
Newton	266,265.81	174,791.55	156,124.35	597,181.71
Norwood	41,050.88	26,948.06	42,100.95	110,099.89
Quincy	226,344.77	148,585.18	147,645.68	522,575.63
Randolph	21,843.59	14,339.34	31,868.08	68,051.01
Reading	6,402.43	4,202.91	32,452.81	43,058.15
Revere	51,972.68	34,117.73	67,536.94	153,627.35
Somerville	169,099.50	111,006.23	159,925.13	440,030.86
Stoneham	43,810.56	28,431.44	30,113.87	101,855.87
Stoughton	3,766.14	2,472.30	27,482.56	33,721.00
Wakefield	50,089.61	32,881.58	40,931.48	123,902.67
Walpole	12,051.63	7,911.36	23,681.78	43,644.77
Waltham	82,854.99	54,390.58	97,943.18	235,188.75
Watertown	78,712.24	51,671.05	66,075.10	196,458.39
Wellesley	15,441.16	10,136.43	44,147.52	69,725.11
Westwood	14,687.93	9,641.97	17,542.06	41,871.96
Weymouth	69,296.90	45,490.30	81,278.22	196,065.42
Wilmington	7,155.66	4,697.37	21,050.47	32,903.50
Winchester	111,477.63	73,180.06	32,745.18	217,402.87
Winthrop	47,453.31	31,150.97	34,207.02	112,811.30
Woburn	110,724.40	72,685.60	52,626.18	236,036.18
	\$3,766,135.91	\$2,472,299.21	\$2,923,676.91	\$9,162,112.03

## STATEMENTS OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Net Debt June 30, 1965	\$88,649,000.00	\$112,219,000.00	\$31,083,000.00	\$231,951,000.00
Arlington	1,852,764.10	2,478,805.49	697,316.02	5,028,885.61
Belmont	1,170,166.80	1,216,005.08	598,965.05	2,980,136.93
Boston	16,249,361.70	58,406,286.27	10,285,706.61	\$4,941,354.58
Brantree	771,246.30	—	390,899.81	1,162,146.11
Brookline	2,606,280.60	3,261,420.80	1,331,657.89	7,199,359.29
Cambridge	11,426,856.10	285,148.48	1,577,773.08	13,289,777.66
Canton	842,165.50	—	142,577.72	984,743.22
Chelsea	2,756,988.90	1,928,871.30	329,013.56	5,014,368.76
Dedham	1,010,598.60	—	386,827.94	1,397,426.54
Dover	—	—	70,402.99	70,402.99
Everett	2,677,199.80	4,006,554.96	1,038,607.86	7,722,362.12
Framingham	328,001.30	—	—	328,001.30
Hingham	336,866.20	—	219,445.98	556,312.18
Hull	—	—	164,242.57	164,242.57
Lexington	106,378.80	1,984,431.12	—	2,040,809.92
Lynn	—	—	1,427,921.94	1,427,921.94
Lynnfield Water District	—	115,248.91	—	115,248.91
Malden	2,804,874.00	2,712,445.45	674,874.09	5,692,193.54
Marblehead	—	876,542.62	—	876,542.62
Medford	4,898,424.80	3,180,062.02	764,988.71	8,888,470.53
Melrose	2,366,928.30	1,250,568.54	444,424.73	4,061,921.57
Milton	2,712,659.40	1,258,648.30	492,354.72	4,463,662.42
Nahant	—	187,517.95	57,348.14	244,866.09
Natick	478,704.60	—	—	478,704.60
Needham	97,513.90	490,172.59	454,309.18	1,041,995.62
Newton	6,267,484.30	5,362,838.79	1,834,829.49	13,465,147.58
Norwood	966,274.10	1,672,287.54	—	2,638,561.64
Peabody	—	377,616.93	—	377,616.93
Quincy	5,327,804.90	4,282,950.35	1,408,401.81	11,019,157.06
Randolph	514,164.20	—	—	514,164.20
Reading	150,703.30	—	—	150,703.30
Revere	1,223,356.20	1,713,135.25	457,824.18	3,393,815.63
Saugus	—	915,370.88	284,645.57	1,150,015.95
Somerville	3,980,340.10	4,835,468.85	1,050,263.49	9,366,072.44
Stoneham	1,019,463.50	1,041,616.76	215,591.69	2,276,671.95
Stoughton	88,649.00	—	—	88,649.00
Swampscott	—	672,191.81	285,870.35	958,062.16
Wakefield	1,179,031.70	413,751.45	316,829.02	1,909,612.17
Walpole	283,676.80	—	—	283,676.80
Waltham	1,950,278.00	4,136,392.34	781,103.24	6,817,773.58
Watertown	1,852,764.10	2,302,958.32	625,483.21	4,781,205.63
Wellesley	363,460.90	—	590,079.67	953,540.57
Weston	—	—	187,958.90	187,958.90
Westwood	345,731.10	—	157,279.98	503,011.08
Weymouth	1,631,141.60	—	802,936.06	2,434,077.66
Wilmington	168,433.10	—	—	168,433.10
Winchester	2,624,010.40	478,889.60	394,474.35	3,496,874.35
Winthrop	1,116,977.40	925,806.75	245,275.95	2,288,060.10
Woburn	2,606,280.60	—	—	2,606,280.60
	\$88,649,000.00	\$112,219,000.00	\$31,083,000.00	\$231,951,000.00

# The Commonwealth of Massachusetts

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1966

## ASSESSMENTS

FOR

INTEREST, SERIAL BONDS

AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

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Compiled in the Office of

ROBERT Q. CRANE

TREASURER AND RECEIVER-GENERAL



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1966

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1961, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1965, bonds have been issued as follows:

Met. Dist. Comm. Recreational Loan, Act of 1963 . . . . .	\$1,000,000
Mystic River Dam Loan, Act of 1963 . . . . .	4,200,000
Met. Sewerage Loan, Act of 1962 . . . . .	1,000,000
Met. District Sewerage Relief Loan, Act of 1962 . . . . .	1,000,000
Second Met. Sewerage Loan, Act of 1962 . . . . .	1,850,000
Charles River Basin Improvement Loan, Act of 1957 . . . . .	1,500,000
Neponset River Drainage and Flood Control, Act of 1961 . . . . .	1,500,000
Met. Water Dist. Water Use Development Loan . . . . .	2,610,000
Met. Water Dist. Additional Loan, Act of 1961 . . . . .	4,000,000
Met. Water Dist. Additional Loan, Act of 1962 . . . . .	2,000,000

## METROPOLITAN SEWER

### Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to

provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

#### METROPOLITAN WATER

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or

other revenues credited in accordance with specific statute as are required to meet the debt service requirements of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments

on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1966

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 223,746.24	\$ 173,465.18	\$ 214,879.41	\$ 612,090.83
Ashland			5,073.00	5,073.00
Belmont	110,980.08	135,120.08	129,370.36	375,470.52
Boston	5,252,777.04	2,433,336.78	1,683,854.83	9,369,968.65
Braintree		100,837.76	109,818.98	210,656.74
Brookline	279,508.08	294,244.24	252,118.14	825,870.46
Burlington			17,755.54	17,755.54
Cambridge	241,063.20	371,781.71	956,220.35	1,569,065.26
Concord		39,106.07	76,414.87	115,520.94
Chelsea	172,310.52	83,699.13	238,097.27	494,106.92
Cohasset		1,355.65		1,355.65
Dedham		94,244.94	151,914.29	246,159.23
Dover		16,159.92		16,159.92
Everett	346,419.24	230,758.21	258,880.41	836,057.86
Framingham			118,838.35	118,838.35
Hingham		55,431.21	31,291.95	86,723.16
Hull		38,054.89		38,054.89
Lexington	167,365.68		59,496.60	226,862.28
Lynn		343,442.63		343,442.63
Lynnfield Water District	11,713.08			11,713.08
Malden	244,302.24	172,126.21	254,534.83	670,963.28
Marblehead	82,693.80			82,693.80
Medford	285,109.92	192,564.36	442,805.56	920,479.84
Melrose	114,403.32	109,486.84	219,180.02	443,070.18
Milton	107,462.04	115,054.92	212,615.69	435,132.65
Nahant	17,908.80	14,068.61		31,977.41
Natick			105,962.61	105,962.61
Needham	42,001.80	109,131.72	132,770.68	283,904.20
Newton	500,709.24	417,056.88	569,755.91	1,487,522.03
Norwood	147,175.20		106,195.61	253,370.81
Peabody	71,146.80			71,146.80
Quincy	393,852.00	335,389.14	500,869.11	1,230,110.25
Randolph			71,561.59	71,561.59
Reading			45,332.71	45,332.71
Revere	160,468.32	120,094.92	155,346.33	435,909.57
Saugus	82,247.76	62,949.71		145,197.47
Somerville	416,583.12	267,046.74	421,085.65	1,104,715.51
Stoneham	101,497.20	56,715.55	105,115.37	263,328.12
Stoughton			37,668.26	37,668.26
Swampscott	61,060.80	65,141.24		126,202.04
Wakefield	71,101.08	80,181.90	124,821.60	276,104.58
Walpole			43,899.65	43,899.65
Waltham	374,429.40	183,542.01	235,216.46	793,187.87
Watertown	212,115.00	150,066.90	195,992.01	558,173.91
Wellesley		132,400.86	94,267.02	226,667.88
Weston		43,341.56		43,341.56
Westwood		39,353.62	40,793.90	80,147.52
Weymouth		191,823.61	191,420.05	383,243.66
Wilmington			36,811.08	36,811.08
Winchester	65,582.88	91,731.03	219,659.29	376,973.20
Winthrop	81,876.36	62,549.93	111,744.58	256,170.87
Woburn			241,196.40	241,196.40
	\$10,439,610.24	\$ 7,422,856.66	\$ 9,220,646.32	\$27,083,113.22

# METROPOLITAN WATER DISTRICT

## METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1966

### Bonds Outstanding (serial)

	Serial Bonds	Interest
Additional Water Loan . . . . .	\$11,418,000.00	
Water Use Development Loan . . . . .	52,546,000.00	
Water Main Loan, Act of 1949 . . . . .	1,650,000.00	
Water Main Loan, Act of 1954 . . . . .	1,004,000.00	
Water Main Loan, Act of 1957 . . . . .	1,644,000.00	
Water Main Loan, Act of 1959 . . . . .	1,250,000.00	
Water Loan, Act of 1950 . . . . .	10,146,000.00	
Water Loan, Act of 1952 . . . . .	5,380,000.00	
Clinton Sewerage Loan, Act of 1954 . . . . .	408,000.00	
Metropolitan Water District		
Additional Loan, Act of 1956 . . . . .	18,091,000.00	
Metropolitan Water District		
Additional Loan, Act of 1961 . . . . .	9,820,000.00	
Metropolitan Water District		
Additional Loan, Act of 1962 . . . . .	2,000,000.00	
Total Net Water Debt June 30, 1966 . . . . .		\$115,357,000.00

## METROPOLITAN WATER EXPENSES

### Debt Service:

	Serial Bonds	Interest	
Additional Water Loan . . . . .	\$1,646,000.00	\$ 212,447.50	
Water Use Development Loan . . . . .	2,443,000.00	1,429,176.50	
Water Main Loan, Act of 1949 . . . . .	110,000.00	29,920.00	
Water Main Loan, Act of 1954 . . . . .	53,000.00	26,676.00	
Water Main Loan, Act of 1957 . . . . .	76,000.00	57,540.00	
Water Main Loan, Act of 1959 . . . . .	49,000.00	41,933.75	
Water Loan, Act of 1950 . . . . .	387,000.00	248,547.50	
Water Loan, Act of 1952 . . . . .	155,000.00	165,687.50	
Metropolitan Water District			
Additional Loan, Act of 1956 . . . . .	411,000.00	608,876.75	
Metropolitan Water District			
Additional Loan, Act of 1961 . . . . .	120,000.00	94,000.00	
Clinton Sewerage Loan Act of 1954 . . . . .	22,000.00	7,332.50	
Interest on Average Monthly Deficit . . . . .		13,923.99	
	<hr/>	<hr/>	<hr/>
	\$5,472,000.00	\$2,936,061.99	\$8,408,061.99
Brookline Credit for Property Acquired . . . . .		1,887.40	
	<hr/>	<hr/>	<hr/>
Less appropriation of restricted revenue . . . . .		\$8,409,949.39	
	<hr/>	<hr/>	<hr/>
Expenditures authorized—not appropriated—Debt Service . . . . .		40,691.73	
	<hr/>	<hr/>	<hr/>
	\$8,369,257.66		

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G. L. C. 92, S. 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1966:

*Fund Requirements—July 1, 1965:* \$ 2,610,622.31

*Net Fiscal Year Charges:*

Appropriations . . . . .	\$ 4,904,032.00
Appropriations of Restricted Revenue . . .	40,691.73
Expenditures Authorized—Not Appropriated—Debt Service . . . . .	8,369,257.66*
Authorized Transfers . . . . .	570,780.83
 Total . . . . .	 <u>\$13,884,762.22</u>

*Deduct Reversions:*

Appropriations . . . . .	\$100,149.37
Accounts Payable . . . . .	<u>59,410.04</u> 159,559.41      13,725,202.81
Total Charges . . . . .	 <u>\$16,335,825.12</u>

*Operating Revenues:*

District Assessments . . . . .	\$10,624,584.14
Proceeds from Sales of Water Use	
Development Loan Bonds . . . . .	2,610,000.00
Other Direct Revenue . . . . .	1,191,421.64
Transfer from Bond Fund . . . . .	<u>23,832.57</u>
 Total Revenues . . . . .	 <u>\$14,449,838.35</u>

*Fund Requirements—June 30, 1966*

\$ 1,885,986.77

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\* Includes \$1,887.40 credit to the Town of Brookline.

## METROPOLITAN WATER ASSESSMENT FOR 1966

Cities and Towns	Total Consumption for 1965 in Million Gallons	1966 Charge at \$120 per Million Gallons (Ch. 723 Acts of 1962)	Proportion for Computing Share of Debt
Arlington	1,864.552	\$ 223,746.24	.021432
Belmont	924.834	110,980.08	.010631
Boston	43,773.142	5,252,777.04	.503158
Brookline	2,329.234	279,508.08	.026774
Cambridge*	2,008.860	241,063.20	.023091
Chelsea	1,435.921	172,310.52	.016505
Everett	2,886.827	346,419.24	.033183
Lexington	1,394.714	167,365.68	.016032
Lynnfield Water District	97.609	11,713.08	.001122
Malden	2,035.852	244,302.24	.023402
Marblehead	689.115	82,693.80	.007922
Medford	2,375.916	285,109.92	.027311
Melrose	953.361	114,403.32	.010959
Milton	895.517	107,462.04	.010294
Nahant	149.240	17,908.80	.001715
Needham*	350.015	42,001.80	.004023
Newton	4,172.577	500,709.24	.047962
Norwood	1,226.460	147,175.20	.014098
Peabody*	592.890	71,146.80	.006815
Quincy	3,282.100	393,852.00	.037727
Revere	1,337.236	160,468.32	.015371
Saugus	685.398	82,247.76	.007878
Somerville	3,471.526	416,583.12	.039904
Stoneham	845.810	101,497.20	.009722
Swampscott	508.840	61,060.80	.005849
Wakefield*	592.509	71,101.08	.006811
Waltham	3,120.245	374,429.40	.035866
Watertown	1,767.625	212,115.00	.020318
Winchester*	546.524	65,582.88	.006282
Winthrop	682.303	81,876.36	.007843
	86,996.752	\$10,439,610.24	1.000000

\* Partial Supply Only.

Note: Not included in above:

Assessment for Water Connections:

Lexington—fifth of ten payments	\$36,529.46
Needham—seventh of ten payments	\$85,602.62
Norwood—tenth and final payment	\$95,000.00
Wakefield—eighth of ten payments	\$16,861.20
Waltham—third of ten payments	\$27,511.64

Assessment for Entrance Fees:

Needham—seventh of ten payments	\$13,281.50
Peabody—ninth of ten payments	\$17,030.00
Wakefield—eighth of ten payments	\$10,954.40
Weston—first of ten payments	\$ 7,889.70
Winchester—ninth of ten payments	\$16,171.40

No water was discharged into Charles River during the year 1965 under the provisions of Chapter 603 of the Acts of 1950.

Credit to Brookline for property acquired: Fourteenth of twenty-five payments—\$1,887.40.

**COMPARISON OF ASSESSMENTS 1965 AND 1966  
WITH REVENUE FROM WATER RATES IN 1965**

Cities and Towns	Water Assessments 1965	Water Assessments 1966	Water Revenue Received in Cities and Towns 1965
Arlington	\$ 227,655.60	\$ 223,746.24	\$ 557,362.75
Belmont	111,678.96	110,980.08	328,376.34
Boston	5,364,088.56	5,252,777.04	9,285,064.14
Brookline	299,532.84	279,508.08	773,941.14
Cambridge	26,184.36	241,063.20	1,367,954.90
Chelsea	177,102.00	172,310.52	471,421.85
Everett	367,970.16	346,419.24	553,694.85
Lexington	177,659.16	167,365.68	481,184.41
Lynnfield Water District	10,586.40	11,713.08	75,596.19
Malden	249,113.88	244,302.24	531,659.24
Marblehead	80,503.56	82,693.80	358,864.43
Medford	292,054.80	285,109.92	653,231.06
Melrose	114,858.24	114,403.32	312,005.11
Milton	115,593.24	107,462.04	349,215.77
Nahant	17,226.84	17,908.80	32,504.08
Needham	45,019.80	42,001.80	389,852.72
Newton	492,522.48	500,709.24	1,121,635.96
Norwood	153,585.60	147,175.20	381,525.37
Peabody	34,681.20	71,146.80	415,453.35
Quincy	393,349.20	393,852.00	1,008,921.48
Revere	157,336.92	160,468.32	285,158.57
Saugus	84,066.00	82,247.76	163,637.89
Somerville	398,171.64	416,583.12	867,064.31
Stoneham	95,660.88	101,497.20	220,339.40
Swampscott	61,736.16	61,060.80	162,806.79
Wakefield	37,996.80	71,101.08	456,327.96
Waltham	379,893.96	374,429.40	871,952.76
Watertown	211,503.84	212,115.00	449,192.37
Winchester	43,934.64	65,582.88	296,945.60
Winthrop	85,024.20	81,876.36	191,100.69
	<b>\$10,306,291.92</b>	<b>\$10,439,610.24</b>	<b>\$23,413,991.48</b>

**METROPOLITAN PARKS DISTRICT**  
**METROPOLITAN PARKS DEBT**

Gross (and net) June 30, 1966

Bonds outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 . . . . .	\$ 1,267,000.00
Neponset River Drainage and Flood Control, Act of 1961 . . . . .	1,950,000.00
Metropolitan District Beach Erosion Loan Act of 1956 . . . . .	1,558,000.00
Charles River Basin Improvement Loan Act of 1957 . . . . .	2,500,000.00
Charles River Flood Control Act of 1955 . . . . .	615,000.00
Charles River Flood Control Act of 1961 . . . . .	450,000.00
Metropolitan District Park Loan, Act of 1961 . . . . .	3,800,000.00
Mystic River Dam Loan, Act of 1957 . . . . .	5,490,000.00
Mystic River Dam Loan, Act of 1963 . . . . .	8,840,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 . . . . .	600,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 . . . . .	3,365,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 . . . . .	3,404,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 . . . . .	1,870,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 . . . . .	1,950,000.00
Total net parks debt June 30, 1966 . . . . .	\$37,659,000.00

**METROPOLITAN PARKS EXPENSES**

Debt Service:	Serial Bonds	Interest
Neponset River Drainage and Flood Control, Act of 1955 . . . . .	\$ 103,000.00	\$ 37,278.50
Neponset River Drainage and Flood Control, Act of 1961 . . . . .	94,240.00	60,975.00
Metropolitan District Beach Erosion Loan Act of 1956 . . . . .	55,644.00	51,446.25
Charles River Basin Improvement Loan Act of 1957 . . . . .	100,000.00	82,875.00
Charles River Flood Control Act of 1955 . . . . .	50,000.00	20,737.50
Charles River Flood Control Act of 1961 . . . . .	25,000.00	13,950.00
Metropolitan District Park Loan, Act of 1961 . . . . .	225,000.00	117,187.50
Mystic River Dam Loan, Act of 1957	228,000.00	171,295.00
Mystic River Dam Loan, Act of 1963	150,958.41	148,048.33
Metropolitan District Commission Recreational Loan, Act of 1955 . .	50,000.00	19,500.00
Metropolitan District Commission Recreational Loan, Act of 1957 . .	247,000.00	114,378.50
Metropolitan District Commission Recreational Loan, Act of 1959 . .	243,000.00	114,144.50
Metropolitan District Commission Recreational Loan, Act of 1962 . .	110,000.00	63,380.00
Metropolitan District Commission Recreational Loan, Act of 1963 . .	46,627.24	35,700.00
	\$1,728,469.65	\$1,050,896.08

Interest on Average Monthly Deficit . . . . . 846.21

\$1,728,469.65	\$1,051,742.29	2,780,211.94
Maintenance as appropriated by the Legislature . . . . .		4,642,644.72
Total Metropolitan Parks expenses to be assessed . . . . .		\$7,422,856.66

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Proportion of Interest, Serial Bonds and Maintenance Requirements  
as Determined by the Metropolitan District Commission.*

Cities and Towns	Valuation Ch. 660 Acts of 1963 adj. to nearest \$1,000.00 (000's omitted)	Valuation Per Cent Note 1	Population 1965 Census	Population Per Cent	Average Per Cent Ch. 554 Acts of 1949 Note 2
Arlington	\$ 110,391	.022434	52,482	.026939	.023936
Belmont	94,029	.019109	28,794	.014779	.017666
Boston	1,628,334	.330911	616,326	.316355	.326059
Braintree	61,885	.012576	33,954	.017428	.014193
Brookline	210,814	.042842	53,608	.027517	.037734
Cambridge	249,777	.050760	92,677	.047570	.049697
Canton	22,574	.004587	15,310	.007859	.005678
Chelsea	52,087	.010585	27,098	.013909	.011693
Dedham	61,241	.012445	26,618	.013663	.012851
Dover	11,146	.002265	3,592	.001844	.002125
Everett	164,421	.033414	43,410	.022282	.029703
Hingham	34,740	.007060	17,576	.009022	.007714
Hull	25,999	.005284	8,836	.004535	.005034
Lynn	226,053	.045939	92,653	.047558	.046479
Malden	106,839	.021712	56,142	.028817	.024080
Medford	121,107	.024611	60,429	.031018	.026747
Melrose	70,358	.014298	32,105	.016479	.015025
Milton	77,947	.015840	27,708	.014222	.015301
Nahant	9,081	.001845	4,067	.002088	.001926
Needham	71,924	.014616	29,303	.015041	.014758
Newton	290,472	.059030	88,514	.045434	.054498
Quincy	222,963	.045311	87,158	.044738	.045120
Revere	72,400	.014713	42,394	.021761	.017062
Saugus	37,146	.007549	23,429	.012026	.009041
Somerville	166,267	.033789	86,332	.044314	.037297
Stoneham	34,132	.006936	20,109	.010322	.008065
Swampscott	45,256	.009197	13,995	.007184	.008526
Wakefield	50,158	.010193	25,571	.013125	.011170
Waltham	115,743	.023521	57,134	.029326	.025456
Watertown	99,022	.020123	40,115	.020591	.020279
Wellesley	93,415	.018984	26,297	.013498	.017155
Weston	29,754	.006047	9,848	.005055	.005716
Westwood	24,899	.005060	12,123	.006223	.005448
Weymouth	127,113	.025832	50,468	.025904	.025856
Winchester	62,448	.012691	21,634	.011104	.012162
Winthrop	38,829	.007891	20,398	.010470	.008750
	\$4,920,764	1.000000	1,948,207	1.000000	1.000000
Cohasset (Note 3) m	18,797	.003805	6,559	.003355	.000292
Total	\$4,939,561		1,954,766		

Note 1. Serial Bonds and Interest.

Note 2. Maintenance.

Note 3. Nantasket Maintenance—(8% of its proportion.)

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Total Assessments*

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 38,776.49	\$ 23,594.79	\$ 111,093.90	\$ 173,465.18
Belmont	33,029.33	20,097.74	81,993.01	135,120.08
Boston	571,969.62	348,033.09	1,513,334.07	2,433,336.78
Braintree	21,737.23	13,226.71	65,873.82	100,837.76
Brookline	74,051.10	45,058.74	175,134.40	294,244.24
Cambridge	87,737.12	53,386.44	230,658.15	371,781.71
Canton	7,928.49	4,824.34	26,353.24	39,106.07
Chelsea	18,295.85	11,132.69	54,270.59	83,699.13
Cohasset			1,355.65	1,355.65
Dedham	21,510.80	13,088.93	59,645.21	94,244.94
Dover	3,914.98	2,382.20	9,862.74	16,159.92
Everett	57,755.08	35,142.92	137,860.21	230,758.21
Hingham	12,203.00	7,425.30	35,802.91	55,431.21
Hull	9,133.23	5,557.41	23,364.25	38,054.89
Lynn	79,404.17	48,315.99	215,722.47	343,442.63
Malden	37,528.53	22,835.43	111,762.25	172,126.21
Medford	42,539.37	25,884.43	124,140.56	192,564.36
Melrose	24,713.66	15,037.81	69,735.37	109,486.84
Milton	27,378.96	16,659.60	71,016.36	115,054.92
Nahant	3,189.03	1,940.46	8,939.12	14,068.61
Needham	25,263.31	15,372.27	68,496.14	109,131.72
Newton	102,031.56	62,084.35	252,940.97	417,056.88
Quincy	78,318.69	47,655.49	209,414.96	335,389.14
Revere	25,430.97	15,474.28	79,189.67	120,094.92
Saugus	13,048.23	7,939.60	41,961.89	62,949.71
Somerville	58,403.26	35,537.32	173,106.16	267,046.74
Stoneham	11,988.67	7,294.88	37,432.00	56,715.55
Swampscott	15,896.74	9,672.87	39,571.63	65,141.24
Wakefield	17,618.29	10,720.41	51,843.20	80,181.90
Waltham	40,655.33	24,738.03	118,148.65	183,542.01
Watertown	34,781.99	21,164.21	94,120.70	150,066.90
Wellesley	32,813.27	19,966.28	79,621.31	132,400.86
Weston	10,452.06	6,359.89	26,529.61	43,341.56
Westwood	8,746.06	5,321.82	25,285.74	39,353.62
Weymouth	44,649.83	27,168.61	120,005.17	191,823.61
Winchester	21,936.01	13,347.66	56,447.36	91,731.03
Winthrop	13,639.35	8,299.30	40,611.28	62,549.93
	\$1,728,469.65	\$1,051,742.29	\$4,642,644.72	\$7,422,856.66

**METROPOLITAN PARKS AND SEWERAGE DISTRICTS**  
*Comparison of Assessments 1965 and 1966*

	Parks		Sewerage	
	1965	1966	1965	1966
Arlington	\$ 156,068.45	\$ 173,465.18	\$ 214,877.55	\$ 214,879.41
Ashland				5,073.00
Belmont	122,812.47	135,120.08	130,880.38	129,370.36
Boston	2,273,052.91	2,433,336.78	1,683,215.91	1,683,854.83
Braintree	89,733.80	100,837.76	106,608.20	109,818.98
Brookline	267,784.13	294,244.24	274,628.72	252,118.14
Burlington				17,755.54
Cambridge	349,238.84	371,781.71	985,986.99	956,220.35
Canton	33,783.42	39,106.07	80,900.34	76,414.87
Chelsea	81,087.89	83,699.13	251,027.03	238,097.27
Cohasset	1,247.20	1,355.65		
Dedham	83,765.00	94,244.94	111,464.90	151,914.29
Dover	14,150.44	16,159.92		
Everett	209,873.56	230,758.21	262,077.40	258,880.41
Framingham			98,220.71	118,838.35
Hingham	48,865.31	55,431.21	33,354.19	31,291.95
Hull	33,312.20	38,054.89		
Lexington			54,264.95	59,496.60
Lynn	313,870.39	343,442.63		
Malden	157,874.51	172,126.21	259,557.75	254,534.83
Medford	178,654.68	192,564.36	453,999.50	442,805.56
Melrose	97,847.65	109,486.84	216,561.10	219,180.02
Milton	103,684.48	115,054.92	235,336.00	212,615.69
Nahant	12,727.86	14,068.61		
Natick			82,512.95	105,962.61
Needham	96,736.33	109,131.72	50,425.07	132,770.68
Newton	382,072.75	417,056.88	597,181.71	569,755.91
Norwood			110,099.89	106,195.61
Quincy	305,348.90	335,389.14	522,575.63	500,869.11
Randolph			68,051.01	71,561.59
Reading			43,058.15	45,332.71
Revere	107,710.30	120,094.92	153,627.35	155,346.33
Saugus	55,335.61	62,949.71		
Somerville	249,299.11	267,046.74	440,030.86	421,085.65
Stoneham	49,988.91	56,715.55	101,855.87	105,115.37
Stoughton			33,721.00	37,668.26
Swampscott	58,723.92	65,141.24		
Wakefield	72,076.59	80,181.90	123,902.67	124,821.60
Walpole			43,644.77	43,899.65
Waltham	165,850.68	183,542.01	235,188.75	235,216.46
Watertown	135,806.82	150,066.90	196,458.39	195,992.01
Wellesley	120,210.96	132,400.86	69,725.11	94,267.02
Weston	38,255.70	43,341.56		
Westwood	34,529.46	39,353.62	41,871.96	40,793.90
Weymouth	172,868.98	191,823.61	196,065.42	191,420.05
Wilmington			32,903.50	36,811.08
Winchester	81,784.72	91,731.03	217,402.87	219,659.29
Winthrop	56,894.84	62,549.93	112,811.30	111,744.58
Woburn			236,036.18	241,196.40
	\$6,812,929.77	\$7,422,856.66	\$9,162,112.03	\$9,220,646.32

# METROPOLITAN SEWERAGE DISTRICT

## METROPOLITAN SEWERAGE DEBT

Gross (and net) debt June 30, 1966

Bonds outstanding (serial) :

Sewerage Loan, North System, Act of 1945 (Ch. 705)	.	\$ 815,000.00
District Sewerage Loan, Act of 1949 (Ch. 606)	.	18,590,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	.	19,214,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	.	693,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	.	549,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	.	769,000.00
North Metropolitan Sewerage Loan, Act of 1955 (Ch. 682)	.	124,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	.	115,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	.	23,181,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	.	4,680,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	.	1,925,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	.	2,665,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	.	5,365,000.00
Sewerage Loan, South System (Ch. 705)	.	3,528,000.00
Metropolitan Sewerage Loan—South System (Hingham) (Ch. 591)	.	25,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	.	1,263,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	.	1,417,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	.	627,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	.	388,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	.	906,000.00
District Sewerage Loan Act of 1955 (Ch. 551)	.	703,000.00
District Sewerage Loan Act of 1957 (Ch. 710)	.	769,000.00
District Sewerage Loan Act of 1957 (Ch. 764)	.	381,000.00
<b>TOTAL</b>	.	<b>\$88,692,000.00</b>

## METROPOLITAN SEWERAGE EXPENSES

Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Sewerage Loan, North System, Act of 1945 (Ch. 705)	\$ 135,000.00	\$ 15,780.00
District Sewerage Loan, Act of 1949 (Ch. 606)	837,000.00	593,317.50
Sewerage Loan, Act of 1951 (Ch. 645)	778,000.00	470,237.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	15,246.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	25,000.00	16,913.75

	<i>Serial Bonds</i>	<i>Interest</i>
Metropolitan District Sewerage Loan, Act of 1955 (Ch. 399) .		26,915.00
North Metropolitan Sewerage Loan, Act of 1955 (Ch. 682) .	92,000.00	2,190.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590) . . .	5,000.00	4,025.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515) . . .	643,000.00	684,441.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516) . . .	130,000.00	142,265.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655) . . .	55,000.00	49,715.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658) . . .	75,000.00	101,350.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766) .	141,017.39	179,219.86
Sewerage Loan, South System (Ch. 705) . . . .	518,000.00	75,125.00
Metropolitan Sewerage Loan, South System (Hingham) (Ch. 591) . . . .	19,184.08	312.50
District Sewerage Loan, Act of 1951 (Ch. 527) . . . .	54,485.38	27,786.00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . .	73,000.00	32,700.25
District Sewerage Loan, Act of 1953 (Ch. 642) . . . .	33,000.00	13,794.00
District Sewerage Loan, Act of 1954 (Ch. 580) . . . .	18,000.00	10,422.50
District Sewerage Loan, Act of 1955 (Ch. 410) . . . .	36,670.84	27,428.75
District Sewerage Loan Act of 1955 (Ch. 551) . . . .	33,000.00	18,878.75
District Sewerage Loan Act of 1957 (Ch. 710) . . . .	24,666.67	26,915.00
District Sewerage Loan Act of 1957 (Ch. 764) . . . .	17,000.00	13,335.00
Interest on Average Monthly Deficit . . . . .		12,928.82
Maintenance . . . . .	\$3,780,024.36	\$2,561,242.18
Total Metropolitan Sewerage Expenses . . . . .		\$6,341,266.54
		2,879,379.78
North and South Systems combined under Chapter 612, Acts of 1959.		\$9,220,646.32

**METROPOLITAN DISTRICT COMMISSION**  
**RATIOS OF CONTRIBUTION ON THE BASIS OF G. L. CHAP. 92, SECTIONS 5 AND 6**  
**AND THE CENSUS RETURNS OF 1965, AS DETERMINED BY THE**  
**METROPOLITAN DISTRICT COMMISSION, SEWERAGE DIVISION**

City or Town	Pro-Rated Demand M.G.D.	Ratios in Percentage for Principal and Interest Fiscal Year ending June 30, 1967	Population State Census 1965	Ratios in Percentage for Maintenance Fiscal Year ending June 30, 1966	
				for Maintenance Fiscal Year ending June 30, 1966	for Maintenance Fiscal Year ending June 30, 1966
Arlington	17.239	2.04	52,482	2.97	
Ashland	0.704	0.08	—	—	
Belmont	10.999	1.30	28,794	1.63	
Boston	*419.662	18.14	327,380	18.53	
Brantree	7.232	0.86	33,954	1.92	
Brookline	21.953	2.60	53,608	3.03	
Burlington	2.369	0.28	—	—	
Cambridge	107.163	12.70	92,677	5.24	
Canton	6.807	0.81	15,310	0.87	
Chelsea	25.830	3.06	27,098	1.53	
Dedham	14.400	1.71	26,618	1.51	
Everett	25.077	2.97	43,410	2.45	
Framingham	4.486	0.53	52,369	2.96	
Hingham	2.787	0.33	6,327	0.36	
Lexington	1.095	0.13	31,388	1.78	
Malden	21.646	2.57	56,142	3.18	
Medford	45.835	5.43	60,429	3.42	
Melrose	22.201	2.63	32,105	1.82	
Milton	22.282	2.64	27,708	1.57	
Natick	7.514	0.89	30,365	1.72	
Needham	11.312	1.34	29,303	1.66	
Newton	56.607	6.71	88,514	5.01	
Norwood	7.854	0.93	28,978	1.64	
Quincy	47.709	5.66	87,158	4.93	
Randolph	4.831	0.57	21,726	1.23	
Reading	1.437	0.17	21,188	1.20	
Revere	11.454	1.36	42,394	2.40	
Somerville	37.313	4.42	86,332	4.89	
Stoneham	9.592	1.14	20,109	1.14	
Stoughton	0.722	0.09	19,686	1.11	
Wakefield	11.031	1.31	25,571	1.45	
Walpole	2.305	0.27	16,390	0.93	
Waltham	18.263	2.17	#39,847	3.39	
Watertown	17.365	2.06	40,115	2.27	
Wellesley	6.846	0.81	26,297	1.49	
Westwood	2.811	0.33	12,123	0.69	
Weymouth	14.499	1.72	50,468	2.86	
Wilmington	1.586	0.19	15,261	0.86	
Winchester	24.573	2.91	21,634	1.22	
Winthrop	10.426	1.24	20,398	1.15	
Woburn	24.472	2.90	35,149	1.99	
Totals	1,110.289	100.00	1,766,805	100.00	

\* Boston Metropolitan Sewerage District, and Boston Main Drainage District.

# Including 2,718 inmates and attendants added in compliance with Chap. 372, Acts of 1928 in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of the Middlesex County Tuberculosis Hospital.

October 13, 1966

## METROPOLITAN SEWERAGE DISTRICT

*Total Assessments*

Cities and Towns	Serial Bonds	Interest	Maintnance	Total
Arlington	\$ 77,112.49	\$ 52,249.34	\$ 85,517.58	\$ 214,879.41
Ashland	3,024.01	2,048.99		5,073.00
Belmont	49,140.32	33,296.15	46,933.89	129,370.36
Boston	685,696.42	464,609.33	533,549.08	1,683,854.83
Braintree	32,508.21	22,026.68	55,284.09	109,818.98
Brookline	98,280.63	66,592.30	87,245.21	252,118.14
Burlington	10,584.06	7,171.48		17,755.54
Cambridge	480,063.09	325,277.76	150,879.50	956,220.35
Canton	30,618.20	20,746.06	25,050.61	76,414.87
Chelsea	115,668.75	78,374.01	44,054.51	238,097.27
Dedham	64,638.42	43,797.24	43,478.63	151,914.29
Everett	112,266.72	76,068.89	70,544.80	258,880.41
Framingham	20,034.13	13,574.58	85,229.64	118,838.35
Hingham	12,474.08	8,452.10	10,365.77	31,291.95
Lexington	4,914.03	3,329.61	51,252.96	59,496.60
Malden	97,146.63	65,823.92	91,564.28	254,534.83
Medford	205,255.32	139,075.45	98,474.79	442,805.56
Melrose	99,414.64	67,360.67	52,404.71	219,180.02
Milton	99,792.64	67,616.79	45,206.26	212,615.69
Natick	33,642.22	22,795.06	49,525.33	105,962.61
Needham	50,652.33	34,320.65	47,797.70	132,770.68
Newton	253,639.63	171,859.35	144,256.93	569,755.91
Norwood	35,154.23	23,819.55	47,221.83	106,195.61
Quincy	213,949.58	144,966.31	141,953.42	500,869.11
Randolph	21,546.14	14,599.08	35,416.37	71,561.59
Reading	6,426.04	4,354.11	34,552.56	45,332.71
Revere	51,408.33	34,832.89	69,105.11	155,346.33
Somerville	167,077.08	113,206.90	140,801.67	421,085.65
Stoneham	43,092.28	29,198.16	32,824.93	105,115.37
Stoughton	3,402.02	2,305.12	31,961.12	37,668.26
Wakefield	49,518.32	33,552.27	41,751.01	124,821.60
Walpole	10,206.07	6,915.35	26,778.23	43,899.65
Waltham	82,026.53	55,578.96	97,610.97	235,216.46
Watertown	77,868.50	52,761.59	65,361.92	195,992.01
Wellesley	30,618.20	20,746.06	42,902.76	94,267.02
Westwood	12,474.08	8,452.10	19,867.72	40,793.90
Weymouth	65,016.42	44,053.37	82,350.26	191,420.05
Wilmington	7,182.05	4,866.36	24,762.67	36,811.08
Winchester	109,998.71	74,532.15	35,128.43	219,659.29
Winthrop	46,872.30	31,759.41	33,112.87	111,744.58
Woburn	109,620.71	74,276.03	57,299.66	241,196.40
	\$3,780,024.36	\$2,561,242.18	\$2,879,379.78	\$9,220,646.32

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Net Debt June 30, 1966	\$88,692,000.00	\$115,357,000.00	\$37,659,000.00	\$241,708,000.00
Arlington	1,809,316.80	2,472,331.22	844,842.01	5,126,490.03
Ashland	70,953.60	—	—	70,953.60
Belmont	1,152,996.00	1,226,360.27	719,625.83	3,098,982.10
Boston	16,088,728.80	58,042,797.41	12,461,777.35	86,593,303.56
Braintree	762,751.20	—	473,599.58	1,236,350.78
Brookline	2,305,992.00	3,088,568.32	1,613,386.88	7,007,947.20
Burlington	248,337.60	—	—	248,337.60
Cambridge	11,263,884.00	2,663,708.49	1,911,570.84	15,839,163.33
Canton	718,405.20	—	172,741.83	891,147.03
Chelsea	2,713,975.20	1,903,967.29	398,620.52	5,016,563.01
Dedham	1,516,633.20	—	468,666.26	1,985,299.46
Dover	—	—	85,297.64	85,297.64
Everett	2,634,152.40	3,827,891.33	1,258,337.83	7,720,381.56
Framingham	470,067.60	—	—	470,067.60
Hingham	292,683.60	—	265,872.54	558,556.14
Hull	—	—	198,990.16	198,990.16
Lexington	115,299.60	1,849,403.42	—	1,964,703.02
Lynn	—	—	1,730,016.80	1,730,016.80
Lynfield Water District	—	129,430.55	—	129,430.55
Malden	2,279,384.40	2,699,584.51	817,652.21	5,796,621.12
Marblehead	—	913,858.15	—	913,858.15
Medford	4,815,975.60	3,150,515.03	926,825.65	8,893,316.28
Melrose	2,332,599.60	1,264,197.36	538,448.38	4,135,245.34
Milton	2,341,468.80	1,187,484.96	596,518.56	4,125,472.32
Nahant	—	197,837.26	69,480.86	267,318.12
Natick	789,358.80	—	—	789,358.80
Needham	1,188,472.80	464,081.21	550,423.94	2,202,977.95
Newton	5,951,233.20	5,532,752.43	2,223,010.77	13,706,996.40
Norwood	824,835.60	1,626,302.99	—	2,451,138.59
Peabody	—	786,157.96	—	786,157.96
Quincy	5,019,967.20	4,352,073.54	1,706,366.95	11,078,407.69
Randolph	505,544.40	—	—	505,544.40
Reading	150,776.40	—	—	150,776.40
Revere	1,206,211.20	1,773,152.45	554,076.87	3,533,440.52
Saugus	—	908,782.45	284,287.79	1,193,070.24
Somerville	3,920,186.40	4,603,205.73	1,272,459.95	9,795,852.08
Stoneham	1,011,088.80	1,121,500.75	261,202.82	2,393,792.37
Stoughton	79,822.80	—	—	79,822.80
Swampscott	—	674,723.09	346,349.82	1,021,072.91
Wakefield	1,161,865.20	785,696.52	383,858.19	2,331,419.91
Walpole	239,468.40	—	—	239,468.40
Waltham	1,924,616.40	4,137,394.16	885,777.33	6,947,787.89
Watertown	1,827,055.20	2,343,823.52	757,812.06	4,928,690.78
Wellesley	718,405.20	—	714,918.46	1,433,323.66
Weston	—	—	227,723.97	227,723.97
Westwood	292,683.60	—	190,554.54	483,238.14
Weymouth	1,525,502.40	—	972,807.28	2,498,309.68
Wilmington	168,514.80	—	—	168,514.80
Winchester	2,580,937.20	724,672.67	477,930.36	3,783,540.23
Winthrop	1,099,780.80	904,744.95	297,167.16	2,301,692.91
Woburn	2,572,068.00	—	—	2,572,068.00
	\$88,692,000.00	\$115,357,000.00	\$37,659,000.00	\$241,708,000.00

# The Commonwealth of Massachusetts

MASS.  
DOCS.  
COLL.

1967

# ASSESSMENTS FOR INTEREST, SERIAL BONDS AND MAINTENANCE OF THE METROPOLITAN DISTRICTS

Compiled in the Office of  
ROBERT Q. CRANE

TREASURER AND RECEIVER-GENERAL



Government Documents  
Collection  
AUG 4 - 1969  
University of Massachusetts

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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1967

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1967, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1966, bonds have been issued as follows:

Met. Dist. Comm. Recreational Loan, Act of 1963 . . . . .	\$3,000,000
Met. Dist. Comm. Recreational Loan, Act of 1962 . . . . .	920,000
Met. Dist. Sewerage Relief Loan, Act of 1962 (Ch. 593) . . . . .	1,500,000
Met. Dist. Sewerage Relief Loan, Act of 1962 (Ch. 655) . . . . .	1,000,000
Met. Sewerage Loan, Act of 1962 . . . . .	2,000,000
Second Met. Sewerage Loan, Act of 1962 . . . . .	4,540,000
Met. Water Dist. Additional Loan, Act of 1964 . . . . .	1,500,000
Met. Water Dist. Additional Loan, Act of 1962 . . . . .	4,000,000
Met. Water Dist.—Water Use Development Loan . . . . .	1,885,000

## METROPOLITAN SEWER

### Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to

provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

#### METROPOLITAN WATER

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (8), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or

other revenues credited in accordance with specific statute as are required to meet the debt service requirements of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments

on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE

*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1967

Cities and Towns	Metropolitan		Metropolitan		Total
	Water	Parks and Boulevards	Sewerage System		
Arlington	\$ 224,491.20	\$ 212,338.36	\$ 240,865.69	\$ 677,695.25	
Ashland			22,269.02	22,269.02	
Belmont	103,218.24	165,401.26	144,589.06	413,208.56	
Boston	5,184,144.84	2,978,652.80	1,871,454.15	10,034,251.79	
Braintree		123,435.00	133,279.22	256,714.22	
Brookline	286,061.76	360,186.81	274,445.63	920,694.20	
Burlington W. & S. D.			40,431.86	40,431.86	
Cambridge	384,295.44	455,098.91	1,044,721.95	1,884,116.30	
Canton		47,869.36	84,972.47	132,841.83	
Chelsea	168,421.44	102,455.79	261,093.19	531,970.42	
Cohasset		1,659.33		1,659.33	
Dedham		115,365.20	167,890.65	283,255.85	
Dover		19,781.43		19,781.43	
Everett	316,786.56	282,472.91	287,128.22	886,387.69	
Framingham			136,355.40	136,355.40	
Hingham		67,853.15	34,948.31	102,801.46	
Hull		46,583.13		46,583.13	
Lexington	178,187.16		69,203.49	247,390.65	
Lynn		420,408.37		420,408.37	
Lynnfield Water District	16,789.68			16,789.68	
Malden	244,494.00	210,698.98	283,353.66	738,546.64	
Marblehead	82,011.96			82,011.96	
Medford	292,479.48	235,717.44	487,917.98	1,016,114.90	
Melrose	126,539.16	134,022.70	241,902.30	502,464.16	
Milton	107,671.56	140,839.10	233,680.32	482,190.98	
Nahant	18,869.04	17,221.37		36,090.41	
Natick			121,630.38	121,630.38	
Needham	42,154.80	133,588.24	148,358.07	324,101.11	
Newton	510,146.88	510,521.69	629,423.51	1,650,092.08	
Norwood	154,149.60		119,575.05	273,724.65	
Peabody	101,126.40			101,126.40	
Quincy	422,534.40	410,550.39	554,382.17	1,387,466.96	
Randolph			74,690.05	74,690.05	
Reading			52,417.57	52,417.57	
Revere	152,643.84	147,007.45	174,051.87	473,703.16	
Saugus	84,429.24	77,056.24		161,485.48	
Somerville	410,700.96	326,890.88	471,116.90	1,208,708.74	
Stoneham	109,638.36	69,425.13	116,152.22	295,215.71	
Stoughton			43,509.10	43,509.10	
Swampscott	63,313.68	79,739.75		143,053.43	
Wakefield	77,456.40	98,150.39	138,422.59	314,029.38	
Walpole			50,021.01	50,021.01	
Waltham	389,455.32	224,673.27	271,016.50	885,145.09	
Watertown	212,991.72	183,697.04	217,570.27	614,259.03	
Wellesley		162,072.80	104,841.92	266,914.72	
Weston	13,836.84	53,054.58		66,891.42	
Westwood		48,172.66	45,910.93	94,083.59	
Weymouth		234,811.52	212,425.99	447,237.51	
Wilmington			42,483.01	42,483.01	
Winchester	58,408.56	112,288.29	241,221.34	411,918.19	
Winthrop	71,725.32	76,567.11	123,690.53	271,982.96	
Woburn			265,544.34	265,544.34	
	\$ 10,609,173.84	\$ 9,086,328.83	\$ 10,278,957.89	\$ 29,974,460.56	

# METROPOLITAN WATER DISTRICT

## METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1967

### Bonds Outstanding (serial)

Additional Water Loan . . . . .	\$ 9,888,000.00
Water Use Development Loan . . .	51,903,000.00
Water Main Loan, Act of 1949 . .	1,540,000.00
Water Main Loan, Act of 1954 . .	951,000.00
Water Main Loan, Act of 1957 . .	1,568,000.00
Water Main Loan, Act of 1959 . .	1,201,000.00
Water Loan, Act of 1950 . . . .	9,759,000.00
Water Loan, Act of 1952 . . . .	5,225,000.00
Clinton Sewage Loan, Act of 1954 .	386,000.00
Metropolitan Water District	
Additional Loan, Act of 1956 . .	17,680,000.00
Metropolitan Water District	
Additional Loan, Act of 1961 . .	9,615,000.00
Metropolitan Water District	
Additional Loan, Act of 1962 . .	5,960,000.00
Metropolitan Water District	
Additional Loan, Act of 1964 . .	1,500,000.00
Total Net Water Debt June 30, 1967 . . . . .	\$ 117,176,000.00

## METROPOLITAN WATER EXPENSES

### Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Additional Water Loan . . . . .	\$1,530,000.00	\$ 182,947.50
Water Use Development Loan . . .	2,528,000.00	1,450,935.25
Water Main Loan, Act of 1949 . .	110,000.00	28,050.00
Water Main Loan, Act of 1954 . .	53,000.00	25,304.00
Water Main Loan, Act of 1957 . .	76,000.00	55,000.00
Water Main Loan, Act of 1959 . .	49,000.00	40,336.25
Water Loan, Act of 1959 . . . .	387,000.00	240,012.50
Water Loan, Act of 1952 . . . .	155,000.00	161,262.50
Clinton Sewage Loan, Act of 1954 . . . . .	22,000.00	6,947.50
Metropolitan Water District		
Additional Loan, Act of 1956 .	411,000.00	595,267.25
Metropolitan Water District		
Additional Loan, Act of 1961 .	205,000.00	200,080.00
Metropolitan Water District		
Additional Loan, Act of 1962 .	40,000.00	159,000.00
Interest on Average Monthly Deficit . . . . .		11,137.46
	<hr/>	<hr/>
Brookline Credit for Property Acquired . . . . .	\$5,566,000.00	\$3,156,280.21
		\$8,722,280.21
		1,887.40
		<hr/>
Less appropriation of restricted revenue . . . . .		\$8,724,167.61
		31,687.93
		<hr/>
Expenditures authorized — not ap- propriated — Debt Service . . . .		\$8,692,479.68

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G. L. C. 92, S. 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1967:

*Fund Requirements—July 1, 1966:* \$ 1,885,986.77

*Net Fiscal Year Charges:*

Appropriations . . . . .	\$ 5,205,600.00
Appropriations of Restricted Revenue. . .	31,687.93
Expenditures Authorized—Not Appropriated—Debt Service . . . .	8,692,479.68*
Authorized Transfers . . . . .	584,272.61
<b>Total . . . . .</b>	<b>\$14,514,040.22</b>

*Deduct Reversions:*

Appropriations . . . . .	\$149,810.44
Accounts Payable . . . . .	53,112.43
<b>Total Charges . . . . .</b>	<b>\$16,197,104.12</b>

*Operating Revenues:*

District Assessments . . . . .	\$10,785,644.76
Proceeds from Sale of Water Use	
Development Loan Bonds . . . . .	1,885,000.00
Other Direct Revenue . . . . .	1,104,393.65
Transfer from Bond Fund . . . . .	6,798.18
<b>Total Revenue . . . . .</b>	<b>\$13,781,836.59</b>

*Fund Requirements—June 30, 1967:*

\$ 2,415,267.53

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\* Includes \$1,887.40 credit to the Town of Brookline.

## METROPOLITAN WATER ASSESSMENT FOR 1967

Cities and Towns	Total Consumption for 1966 in Million Gallons	1967 Charge at		Proportion for Computing Share of Debt
		\$120 per Million Gallons (Ch. 723 Acts of 1962)		
Arlington	1,870.760	\$ 224,491.20	.021160	
Belmont	860.152	103,218.24	.009729	
Boston	43,201.207	5,184,144.84	.488647	
Brookline	2,383.848	286,061.76	.026964	
Cambridge*	3,202.462	384,295.44	.036223	
Chelsea	1,403.512	168,421.44	.015875	
Everett	2,639.888	316,786.56	.029860	
Lexington	1,484.893	178,187.16	.016796	
Lynnfield Water District	139.914	16,789.68	.001583	
Malden	2,037.450	244,494.00	.023046	
Marblehead	683.433	82,011.96	.007730	
Medford	2,437.329	292,479.48	.027569	
Melrose	1,054.493	126,539.16	.011927	
Milton	897.263	107,671.56	.010149	
Nahant	157.242	18,869.04	.001779	
Needham*	351.290	42,154.80	.003973	
Newton	4,251.224	510,146.88	.048083	
Norwood	1,284.580	154,149.60	.014530	
Peabody*	842.720	101,126.40	.009532	
Quincy	3,521.120	422,534.40	.039827	
Revere	1,272.032	152,643.84	.014388	
Saugus	703.577	84,429.24	.007958	
Somerville	3,422.508	410,700.96	.038712	
Stoneham	913.653	109,638.36	.010334	
Swampscott	527.614	63,313.68	.005968	
Wakefield*	645.470	77,456.40	.007301	
Waltham	3,245.461	389,455.32	.036709	
Watertown	1,774.931	212,991.72	.020076	
Weston*	115.307	13,836.84	.001304	
Winchester*	486.738	58,408.56	.005505	
Winthrop	597.711	71,725.32	.006761	
	88,409.782	\$10,609,173.84	1.000000	

\* Partial Supply Only:

Note: Not included in above:

## Assessment for Water Connections:

Lexington—sixth of ten payments	\$36,529.46
Needham—eighth of ten payments	85,602.62
Wakefield—ninth of ten payments	16,861.20
Waltham—fourth of ten payments	27,511.64

## Assessment for Entrance Fees:

Needham eighth of ten payments	13,281.50
Peabody—tenth and final payment	17,030.00
Wakefield—ninth of ten payments	10,954.40
Weston—second of ten payments	7,111.93
Winchester—tenth and final payment	16,171.40

No water was discharged into Charles River during the year 1966 under the provisions of Chapter 603 of the Acts of 1950.

Credit to Brookline for property acquired: Fifteenth of twenty-five payments—\$1,887.40.

**COMPARISON OF ASSESSMENTS 1966 AND 1967  
WITH REVENUE FROM WATER RATES IN 1966**

Cities and Towns	Water Assessments		Water Revenue Received in Cities and Towns 1966
	1966	1967	
Arlington	\$ 223,746.24	\$ 224,491.20	\$ 546,647.47
Belmont	110,980.08	103,218.24	319,413.07
Boston	5,252,777.04	5,184,144.84	9,542,209.78
Brookline	279,508.08	286,061.76	699,191.65
Cambridge	241,063.20	384,295.44	1,598,048.41
Chelsea	172,310.52	168,421.44	470,559.26
Everett	346,419.24	316,786.56	624,359.45
Lexington	167,365.68	178,187.16	494,355.16
Lynnfield Water District	11,713.08	16,789.68	81,825.14
Malden	244,302.24	244,494.00	513,385.09
Marblehead	82,693.80	82,011.96	223,781.86
Medford	285,109.92	292,479.48	652,031.11
Melrose	114,403.32	126,539.16	319,573.60
Milton	107,462.04	107,671.56	327,587.80
Nahant	17,908.80	18,869.04	39,857.05
Needham	42,001.80	42,154.80	412,635.57
Newton	500,709.24	510,146.88	1,032,381.60
Norwood	147,175.20	154,149.60	392,882.33
Peabody	71,146.80	101,126.40	424,866.17
Quincy	393,852.00	422,534.40	1,054,562.30
Revere	160,468.32	152,643.84	297,615.34
Saugus	82,247.76	84,429.24	192,762.00
Somerville	416,583.12	410,700.96	832,991.62
Stoneham	101,497.20	109,638.36	240,039.45
Swampscott	61,060.80	63,313.68	159,779.27
Wakefield	71,101.08	77,456.40	463,064.55
Waltham	374,429.40	389,455.32	876,840.73
Watertown	212,115.00	212,991.72	427,435.84
Weston		13,836.84	220,469.12
Winchester	65,582.88	58,408.56	288,490.87
Winthrop	81,876.36	71,725.32	194,758.27
	<hr/> \$10,439,610.24	<hr/> \$10,609,173.84	<hr/> \$23,964,400.93

**METROPOLITAN PARKS DISTRICT**  
**METROPOLITAN PARKS DEBT**

Gross (and net) June 30, 1967

Bonds outstanding (serial) :

Neponset River Drainage and Flood Control, Act of 1955	\$ 1,164,000.00
Neponset River Drainage and Flood Control, Act of 1961	1,850,000.00
Metropolitan District Beach Erosion Loan Act of 1956	1,490,000.00
Charles River Basin Improvement Loan Act of 1957	2,400,000.00
Charles River Flood Control Act of 1955	565,000.00
Charles River Flood Control Act of 1961	425,000.00
Metropolitan District Park Loan, Act of 1961	3,575,000.00
Mystic River Dam Loan, Act of 1957	5,262,000.00
Mystic River Dam Loan, Act of 1963	8,530,000.00
Metropolitan District Commission Recreational Loan, Act of 1955	550,000.00
Metropolitan District Commission Recreational Loan, Act of 1957	3,118,000.00
Metropolitan District Commission Recreational Loan, Act of 1959	3,160,000.00
Metropolitan District Commission Recreational Loan, Act of 1962	2,680,000.00
Metropolitan District Commission Recreational Loan, Act of 1963	4,850,000.00
Total net parks debt June 30. 1967	<hr/> <hr/> \$39,619,000.00

## METROPOLITAN PARKS EXPENSES

Debt Service:	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage and Flood Control, Act of 1955	\$ 103,000.00	\$ 34,345.50
Neponset River Drainage and Flood Control, Act of 1961	100,000.00	60,200.00
Metropolitan District Beach Erosion Loan Act of 1956	68,000.00	49,278.75
Charles River Basin Improvement Loan Act of 1957	100,000.00	82,035.00
Charles River Flood Control Act of 1955	50,000.00	19,162.50
Charles River Flood Control Act of 1961	25,000.00	13,175.00
Metropolitan District Park Loan, Act of 1961	225,000.00	110,312.50
Mystic River Dam Loan, Act of 1957	228,000.00	164,275.00
Mystic River Dam Loan, Act of 1963	310,000.00	298,760.00
Metropolitan District Commission Recreation Loan, Act of 1955	50,000.00	18,000.00
Metropolitan District Commission Recreation Loan, Act of 1957	247,000.00	106,351.50
Metropolitan District Commission Recreation Loan, Act of 1959	244,000.00	106,164.00
Metropolitan District Commission Recreation Loan, Act of 1962	143,008.22	86,672.64
Metropolitan District Commission Recreation Loan, Act of 1963	193,557.75	167,297.23
	<hr/>	<hr/>
Interest on Average Monthly Deficit	\$ 2,086,565.97	\$ 1,316,029.62
		1,062.44
	<hr/>	<hr/>
Maintenance as appropriated by the Legislature	\$ 2,086,565.97	\$ 1,317,092.06
		3,403,658.03
Total Metropolitan Parks expenses to be assessed	. . .	5,682,670.80
	<hr/>	<hr/>
		\$ 9,086,328.83

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements**  
**as Determined by the Metropolitan District Commission**

Cities and Towns	Valuation		Population 1965 Census	Population Per Cent	Average					
	Ch. 660				Per Cent	Cia. 554				
	Acts of 1963									
	adj. to nearest \$1,000.00 (000's omitted)									
Arlington	\$ 110,391	.022434	52,482	.026939	.023936					
Belmont	94,029	.019109	28,794	.014779	.017666					
Boston	1,628,334	.330911	616,326	.316355	.326059					
Braintree	61,885	.012576	33,954	.017428	.014193					
Brookline	210,814	.042842	53,608	.027517	.037734					
Cambridge	249,777	.050760	92,677	.047570	.049697					
Canton	22,574	.004587	15,310	.007859	.005678					
Chelsea	52,087	.010585	27,098	.013909	.011693					
Dedham	61,241	.012445	26,618	.013663	.012851					
Dover	11,146	.002265	3,592	.001844	.002125					
Everett	164,421	.033414	43,410	.022282	.029703					
Hingham	34,740	.007060	17,576	.009022	.007714					
Hull	25,999	.005284	8,836	.004535	.005034					
Lynn	226,053	.045939	92,653	.047558	.046479					
Malden	106,839	.021712	56,142	.028817	.024080					
Medford	121,107	.024611	60,429	.031018	.026747					
Melrose	70,358	.014298	32,105	.016479	.015025					
Milton	77,947	.015840	27,708	.014222	.015301					
Nahant	9,081	.001845	4,067	.002088	.001926					
Needham	71,924	.014616	29,303	.015041	.014758					
Newton	290,472	.059030	88,514	.045434	.054498					
Quincy	222,963	.045311	87,158	.044738	.045120					
Revere	72,400	.014713	42,394	.021761	.017062					
Saugus	37,146	.007549	23,429	.012026	.009041					
Somerville	166,267	.033789	86,332	.044314	.037297					
Stoneham	34,132	.006936	20,109	.010322	.008065					
Swampscott	45,256	.009197	13,995	.007184	.008526					
Wakefield	50,158	.010193	25,571	.013125	.011170					
Waltham	115,743	.023521	57,134	.029326	.025456					
Watertown	99,022	.020123	40,115	.020591	.020279					
Wellesley	93,415	.018984	26,297	.013498	.017155					
Weston	29,754	.006047	9,848	.005055	.005716					
Westwood	24,899	.005060	12,123	.006223	.005448					
Weymouth	127,113	.025832	50,468	.025904	.025856					
Winchester	62,448	.012691	21,634	.011104	.012162					
Winthrop	38,829	.007891	20,398	.010470	.008750					
	\$4,920,764	1.000000	1,948,207	1.000000	1.000000					
Cohasset (Note 3) m	18,797	.003805	6,559	.003355	.002929					
Total	\$4,939,561		1,954,766							

Note 1. Serial Bonds and Interest.

Note 2. Maintenance.

Note 3. Nantasket Maintenance—(8% of its proportion.)

**METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**  
**Total Assessments**

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 46,810.02	\$ 29,547.65	\$ 135,980.69	\$ 212,338.36
Belmont	39,872.19	25,168.32	100,360.75	165,401.26
Boston	690,467.63	435,840.25	1,852,344.92	2,978,652.80
Braintree	26,240.65	16,563.75	80,630.60	123,435.00
Brookline	89,392.66	56,426.86	214,367.29	360,186.81
Cambridge	105,914.09	66,855.59	282,329.23	455,098.91
Canton	9,571.08	6,041.50	32,256.78	47,869.36
Chelsea	22,086.30	13,941.42	66,428.07	102,455.79
Cohasset			1,659.33	1,659.33
Dedham	25,967.31	16,391.21	73,006.68	115,365.20
Dover	4,726.07	2,983.21	12,072.15	19,781.43
Everett	69,720.52	44,009.31	168,743.08	282,472.91
Hingham	14,731.16	9,298.67	43,823.32	67,853.15
Hull	11,025.41	6,959.51	28,598.21	46,583.13
Lynn	95,854.75	60,505.89	264,047.73	420,408.37
Malden	45,303.52	28,596.70	136,798.76	210,698.98
Medford	51,352.48	32,414.95	151,950.01	235,717.44
Melrose	29,833.72	18,831.78	85,357.20	134,022.70
Milton	33,051.20	20,862.74	86,925.16	140,839.10
Nahant	3,849.71	2,430.03	10,941.63	17,221.37
Needham	30,497.25	19,250.62	83,840.37	133,588.24
Newton	123,169.99	77,747.94	309,603.76	510,521.69
Quincy	94,544.39	59,678.76	256,327.24	410,550.39
Revere	30,699.65	19,378.38	96,929.42	147,007.45
Saugus	15,751.49	9,942.73	51,362.02	77,056.24
Somerville	70,502.98	44,503.22	211,884.68	326,890.88
Stoneham	14,472.42	9,135.35	45,817.36	69,425.13
Swampscott	19,190.15	12,113.30	48,436.30	79,739.75
Wakefield	21,268.37	13,425.12	63,456.90	98,150.39
Waltham	49,078.12	30,979.32	144,615.83	224,673.27
Watertown	41,987.97	26,503.84	115,205.23	183,697.04
Wellesley	39,611.37	25,003.68	97,457.75	162,072.80
Weston	12,617.46	7,964.46	32,472.66	53,054.58
Westwood	10,558.02	6,664.49	30,950.15	48,172.66
Weymouth	53,900.17	34,023.12	146,888.23	234,811.52
Winchester	26,480.61	16,715.22	69,092.46	112,288.29
Winthrop	16,465.09	10,393.17	49,708.85	76,567.11
	<hr/>	<hr/>	<hr/>	<hr/>
	\$2,086,565.97	\$1,317,092.06	\$5,682,670.80	\$9,086,328.83

**METROPOLITAN PARKS AND SEWERAGE DISTRICTS**  
*Comparison of Assessments 1966 and 1967*

	Parks		Sewerage	
	1966	1967	1966	1967
Arlington	\$ 173,465.18	\$ 212,338.36	\$ 214,879.41	\$ 240,865.69
Ashland			5,073.00	22,269.02
Belmont	135,120.08	165,401.26	129,370.36	144,589.06
Boston	2,433,336.78	2,978,652.80	1,683,854.83	1,871,454.15
Brantree	100,837.76	123,435.00	109,818.98	133,279.22
Brookline	294,244.24	360,186.81	252,118.14	274,445.63
Burlington			17,755.54	40,431.86
Cambridge	371,781.71	455,098.91	956,220.35	1,044,721.95
Canton	39,106.07	47,869.36	76,414.87	84,972.47
Chelsea	83,699.13	102,455.79	238,097.27	261,093.19
Cohasset	1,355.65	1,659.33		
Dedham	94,244.94	115,365.20	151,914.29	167,890.65
Dover	16,159.92	19,781.43		
Everett	230,758.21	282,472.91	258,880.41	287,128.22
Framingham			118,838.35	136,355.40
Hingham	55,431.21	67,853.15	31,291.95	34,948.31
Hull	38,054.89	46,583.13		
Lexington			59,496.60	69,203.49
Lynn	343,442.63	420,408.37		
Malden	172,126.21	210,698.98	254,534.83	283,353.66
Medford	192,564.36	235,717.44	442,805.56	487,917.98
Melrose	109,486.84	134,022.70	219,180.02	241,902.30
Milton	115,054.92	140,839.10	212,615.69	233,680.32
Nahant	14,068.61	17,221.37		
Natick			105,962.61	121,630.38
Needham	109,131.72	133,588.24	132,770.68	148,358.07
Newton	417,056.88	510,521.69	569,755.91	629,423.51
Norwood			106,195.61	119,575.05
Quincy	335,389.14	410,550.39	500,869.11	554,382.17
Randolph			71,561.59	74,690.05
Reading			45,332.71	52,417.57
Revere	120,094.92	147,007.45	155,346.33	174,051.87
Saugus	62,949.71	77,056.24		
Somerville	267,046.74	326,890.88	421,085.65	471,116.90
Stoneham	56,715.55	69,425.13	105,115.37	116,152.22
Stoughton			37,668.26	43,509.10
Swampscott	65,141.24	79,739.75		
Wakefield	80,181.90	98,150.39	124,821.60	138,422.59
Walpole			43,899.65	50,021.01
Waltham	183,542.01	224,673.27	235,216.46	271,016.50
Watertown	150,066.90	183,697.04	195,992.01	217,570.27
Wellesley	132,400.86	162,072.80	94,267.02	104,841.92
Weston	43,341.56	53,054.58		
Westwood	39,353.62	48,172.66	40,793.90	45,910.93
Weymouth	191,823.61	234,811.52	191,420.05	212,425.99
Wilmington			36,811.08	42,483.01
Winchester	91,731.03	112,288.29	219,659.29	241,221.34
Winthrop	62,549.93	76,567.11	111,744.58	123,690.53
Woburn			241,196.40	265,544.34
	<hr/> \$7,422,856.66	<hr/> \$9,086,328.83	<hr/> \$9,220,646.32	<hr/> \$10,278,957.89

## METROPOLITAN SEWERAGE DISTRICT

## METROPOLITAN SEWERAGE DEBT

Gross (and net) debt June 30, 1967

## Bonds Outstanding (serial):

Sewerage Loan, North System, Act of 1945 (Ch. 705) . . . . .	\$ 680,000.00
District Sewerage Loan, Act of 1949 (Ch. 606) . . . . .	17,753,000.00
Sewerage Loan, Act of 1951 (Ch. 645) . . . . .	18,436,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757) . . . . .	656,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452) . . . . .	524,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399) . . . . .	736,000.00
North Metropolitan Sewerage Loan, Act of 1955 (Ch. 682) . . . . .	32,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590) . . . . .	110,000.00
Metropolitan Sewerage Loan, Act. of 1961 (Ch. 515) . . . . .	22,538,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516) . . . . .	4,550,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593) . . . . .	1,500,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655) . . . . .	2,870,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658) . . . . .	4,590,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766) . . . . .	9,760,000.00
Sewerage Loan, South System (Ch. 705) . . . . .	3,010,000.00
District Sewerage Loan, Act of 1951 (Ch. 527) . . . . .	1,196,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . . . .	1,344,000.00
District Sewerage Loan, Act of 1953 (Ch. 642) . . . . .	594,000.00
District Sewerage Loan, Act of 1954 (Ch. 580) . . . . .	370,000.00
District Sewerage Loan, Act of 1955 (Ch. 410) . . . . .	864,000.00
District Sewerage Loan, Act of 1955 (Ch. 551) . . . . .	670,000.00
District Sewerage Loan, Act of 1957 (Ch. 710) . . . . .	736,000.00
District Sewerage Loan, Act of 1957 (Ch. 764) . . . . .	364,000.00

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TOTAL . . . . . \$ 93,883,000.00

## METROPOLITAN SEWERAGE EXPENSES

Debt Service:	Serial Bonds	Interest
Sewerage Loan, North System, Act of 1945 (Ch. 705) . . . . .	\$ 135,000.00	\$ 13,310.00
District Sewerage Loan, Act of 1949 (Ch. 606) . . . . .	837,000.00	566,540.00
Sewerage Loan, Act of 1951 Ch. 645) . . . . .	778,000.00	451,862.50
Sewerage Loan, North District, Act of 1951 (Ch. 757) . . . . .	37,000.00	14,432.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	25,000.00	16,136.25
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	4,972.52	25,760.00
North Metropolitan Sewerage Loan, Act of 1955 (Ch. 682)	32,000.00	720.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590) . . . . .	5,000.00	3,850.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515) . . . . .	643,000.00	665,337.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516) . . . . .	130,000.00	138,285.00

	<i>Serial Bonds</i>	<i>Interest</i>
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593) . . .	60,000.00	49,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655) . . .	85,000.00	66,036.67
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658) . . .	130,800.20	206,745.56
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	265,466.45	454,214.86
Sewerage Loan, South System (Ch. 705) . . .	468,000.00	65,287.50
District Sewerage Loan, Act of 1951 (Ch. 527) . . .	54,485.38	26,312.00
District Sewerage Second Loan, Act of 1951 (Ch. 599) . . .	73,000.00	31,011.75
District Sewerage Loan, Act of 1953 (Ch. 642) . . .	33,000.00	13,068.00
District Sewerage Loan, Act of 1954 (Ch. 580) . . .	18,000.00	9,927.50
District Sewerage Loan, Act of 1955 (Ch. 410) . . .	36,670.84	26,146.25
District Sewerage Loan, Act of 1955 (Ch. 551) . . .	33,000.00	17,971.25
District Sewerage Loan, Act of 1957 (Ch. 710) . . .	24,666.67	25,760.00
District Sewerage Loan, Act of 1957 (Ch. 764) . . .	17,000.00	12,740.00
Metropolitan Sewerage Loan, South System (Hingham) (Ch. 591) . . .	5,815.92	
Interest on Average Monthly Deficit		20,807.03
	\$3,931,877.98	\$2,921,261.12
Maintenance . . . . .		3,425,818.79
Total Metropolitan Sewerage Expenses . . . . .		\$10,278,957.89
North and South Systems combined under Chapter 612, Acts of 1959.		

**METROPOLITAN DISTRICT COMMISSION**  
**RATIOS OF CONTRIBUTION ON THE BASIS OF G. L. CHAP. 92, SECTIONS 5 AND 6**  
**AND THE CENSUS RETURNS OF 1965, AS DETERMINED BY THE**  
**METROPOLITAN DISTRICT COMMISSION, SEWERAGE DIVISION**

City or Town	Pro-Rated Demand M.G.D.	Ratios in Percentage for Principal and Interest Fiscal Year ending June 30, 1968		Population State Census 1965	Ratios in Percentage for Maintenance Fiscal Year ending June 30, 1967
Arlington	17,239	2.04		52,482	2.95
Ashland	0.688	0.08		8,698	0.49
Belmont	10.999	1.30		28,794	1.62
Boston	419.488	18.11†		327,380	18.40
Braintree	8.387	0.99		33,954	1.91
Brookline	21.123	2.50		53,608	3.01
Burlington W. & S. D.	4.061	0.48		3,990*	0.22
Cambridge	106.923	12.64		92,677	5.21
Canton	6.827	0.81		15,310	0.86
Chelsea	25.830	3.05		27,098	1.52
Dedham	14.406	1.70		26,618	1.50
Everett	25.077	2.97		43,410	2.44
Framingham	4.381	0.52		52,369	2.94
Hingham	2.787	0.33		6,327	0.36
Lexington	1.095	0.13		31,388	1.76
Malden	21.646	2.56		56,142	3.15
Medford	45.835	5.42		60,429	3.40
Melrose	22.201	2.63		32,105	1.80
Milton	22.265	2.63		27,708	1.56
Natick	7.756	0.92		30,365	1.71
Needham	11.302	1.34		29,303	1.65
Newton	56.624	6.70		88,514	4.97
Norwood	7.847	0.93		28,978	1.63
Quincy	47.670	5.64		87,158	4.90
Randolph	4.032	0.48		21,726	1.22
Reading	1.437	0.17		21,188	1.19
Revere	11.454	1.35		42,394	2.38
Somerville	37.676	4.45		86,332	4.85
Stoneham	9.592	1.13		20,109	1.13
Stoughton	0.696	0.08		19,686	1.11
Wakefield	11.031	1.30		25,571	1.44
Walpole	2.303	0.27		16,390	0.92
Waltham	19.278	2.28		59,673§	3.35
Watertown	17.365	2.05		40,115	2.25
Wellesley	6.716	0.79		26,297	1.48
Westwood	2.809	0.33		12,123	0.68
Weymouth	14.182	1.68		50,468	2.84
Wilmington	1.586	0.19		15,261	0.86
Winchester	24.573	2.91		21,634	1.22
Winthrop	10.426	1.23		20,398	1.15
Woburn	24.472	2.89		35,149	1.97
Totals	1,112.085	100.00		1,779,319	100.00

\* Equivalent Population—135 days, January 16, to June 30, 1967.

§ Including 2539 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

† Boston ratio reduced by 52% according to Section 9, Chap. 612, Acts of 1959.

**METROPOLITAN SEWERAGE DISTRICT**

*Total Assessments*

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 80,210.31	\$ 59,593.73	\$ 101,061.65	\$ 240,865.69
Ashland	3,145.50	2,337.01	16,786.51	22,269.02
Belmont	51,114.41	37,976.39	55,498.26	144,589.06
Boston	712,063.10	529,040.39	630,350.66	1,871,454.15
Braintree	38,925.59	28,920.49	65,433.14	133,279.22
Brookline	98,296.95	73,031.53	103,117.15	274,445.63
Burlington W. & S. D.	18,873.01	14,022.05	7,536.80	40,431.86
Cambridge	496,989.38	369,247.41	178,485.16	1,044,721.95
Canton	31,848.21	23,662.22	29,462.04	84,972.47
Chelsea	119,922.28	89,098.46	52,072.45	261,093.19
Dedham	66,841.93	49,661.44	51,387.28	167,890.65
Everett	116,776.78	86,761.46	83,589.98	287,128.22
Framingham	20,445.77	15,190.56	100,719.07	136,355.40
Hingham	12,975.20	9,640.16	12,332.95	34,948.31
Lexington	5,111.44	3,797.64	60,294.41	69,203.49
Malden	100,656.08	74,784.28	107,913.30	283,353.66
Medford	213,107.79	158,332.35	116,477.84	487,917.98
Melrose	103,408.39	76,829.17	61,664.74	241,902.30
Milton	103,408.39	76,829.16	53,442.77	233,680.32
Natick	36,173.28	26,875.60	58,581.50	121,630.38
Needham	52,687.16	39,144.90	56,526.01	148,358.07
Newton	263,435.82	195,724.50	170,263.19	629,423.51
Norwood	36,566.47	27,167.73	55,840.85	119,575.05
Quincy	221,757.92	164,759.13	167,865.12	554,382.17
Randolph	18,873.01	14,022.05	41,794.99	74,690.05
Reading	6,684.19	4,966.14	40,767.24	52,417.57
Revere	53,080.35	39,437.03	81,534.49	174,051.87
Somerville	174,968.57	129,996.12	166,152.21	471,116.90
Stoneham	44,430.22	33,010.25	38,711.75	116,152.22
Stoughton	3,145.50	2,337.01	38,026.59	43,509.10
Wakefield	51,114.41	37,976.39	49,331.79	138,422.59
Walpole	10,616.07	7,887.41	31,517.53	50,021.01
Waltham	89,646.82	66,604.75	114,764.93	271,016.50
Watertown	80,603.50	59,885.85	77,080.92	217,570.27
Wellesley	31,061.84	23,077.96	50,702.12	104,841.92
Westwood	12,975.20	9,640.16	23,295.57	45,910.93
Weymouth	66,055.55	49,077.19	97,293.25	212,425.99
Wilmington	7,470.57	5,550.40	29,462.04	42,483.01
Winchester	114,417.65	85,008.70	41,794.99	241,221.34
Winthrop	48,362.10	35,931.51	39,396.92	123,690.53
Woburn	113,631.27	84,424.44	67,488.63	265,544.34
	\$3,931,877.98	\$2,921,261.12	\$3,425,818.79	\$10,278,957.89

## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Net Debt June 30, 1967	\$93,883,000.00	\$117,176,000.00	\$39,619,000.00	\$250,678,000.00
Arlington	1,915,213.20	2,479,444.16	888,812.65	5,283,470.01
Ashland	75,106.40			75,106.40
Belmont	1,220,479.00	1,140,005.30	757,079.47	3,117,563.77
Boston	17,002,211.30	57,257,700.87	13,110,362.91	87,370,275.08
Braintree	929,441.70		498,248.54	1,427,690.24
Brookline	2,347,075.00	3,159,533.66	1,697,357.20	7,203,965.86
Burlington	450,638.40			450,638.40
Cambridge	11,866,811.20	4,244,466.26	2,011,060.44	18,122,337.90
Canton	760,452.30		181,732.35	942,184.65
Chelsea	2,863,431.50	1,860,169.00	419,367.12	5,142,967.62
Dedham	1,596,011.00		493,058.46	2,089,069.46
Dover			89,737.04	89,737.04
Everett	2,788,325.10	3,498,875.36	1,323,829.27	7,611,029.73
Framingham	488,191.60			488,191.60
Hingham	309,813.90		279,710.14	589,524.04
Hull			209,346.80	209,346.80
Lexington	122,047.90	1,968,088.10		2,090,136.00
Lynn			1,820,057.24	1,820,057.24
Lynnfield Water District		185,489.61		185,489.61
Malden	2,403,404.80	2,700,438.10	860,207.73	5,964,050.63
Marblehead		905,770.48		905,770.48
Medford	5,088,458.60	3,230,425.14	975,063.21	9,293,946.95
Melrose	2,469,122.90	1,397,558.15	566,472.46	4,433,153.51
Milton	2,469,122.90	1,189,219.22	627,564.96	4,285,907.08
Nahant		208,456.10	73,097.06	281,553.16
Natick	863,723.60			863,723.60
Needham	1,258,032.20	465,540.25	579,071.30	2,302,643.75
Newton	6,290,161.00	5,634,407.96	2,338,709.57	14,263,278.53
Norwood	873,111.90	1,702,567.28		2,575,679.18
Peabody		1,116,921.63		1,116,921.63
Quincy	5,295,001.20	4,666,768.55	1,795,176.51	11,756,946.26
Randolph	450,638.40			450,638.40
Reading	159,601.10			159,601.10
Revere	1,267,420.50	1,685,928.29	582,914.35	3,536,263.14
Saugus		932,486.61	299,083.83	1,231,570.44
Somerville	4,177,793.50	4,536,117.31	1,338,686.39	10,052,597.20
Stoneham	1,060,877.90	1,210,896.78	274,797.38	2,546,572.06
Stoughton	75,106.40			75,106.40
Swampscott		699,306.37	364,375.94	1,063,682.31
Wakefield	1,220,479.00	855,501.98	403,836.47	2,479,817.45
Walpole	253,484.10			253,484.10
Waltham	2,140,532.40	4,301,413.78	931,878.50	7,373,824.68
Watertown	1,924,601.50	2,352,425.38	797,253.14	5,074,280.02
Wellesley	741,675.70		752,127.10	1,493,802.80
Weston		152,797.50	239,576.09	392,373.59
Westwood	309,813.90		200,472.14	510,286.04
Weymouth	1,577,234.40		1,023,438.00	2,600,672.40
Wilmington	178,377.70			178,377.70
Winchester	2,731,995.30	645,053.88	502,804.72	3,879,853.90
Winthrop	1,154,760.90	792,226.94	312,633.52	2,259,621.36
Woburn	2,713,218.70			2,713,218.70
	\$93,883,000.00	\$117,176,000.00	\$39,619,000.00	\$250,678,000.00

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BOOKBINDING CO., INC.

MAY 1991

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